SAFETY DATA SHEET



Date of issue 5/22/2022 (month/day/year)

Version 5

Section 1. Chemical product and company identification

Α.	A. Product name		SIGMA ECOFLEET 530 GREY				
	Product code	1	00290047				

B. Relevant identified uses of the substance or mixture and uses advised against

Product use	: Professional applications, Used by spraying.
Use of the substance/ mixture	: Coating.; Antifouling products
Uses advised against	: Product is not intended, labelled or packaged for consumer use.
C. Supplier's or Importer's information	: PPG SSC (680-090) 19, Yeocheon-ro 217beon-gil, Nam-gu, Ulsan, Korea Tel: +82-52-210-8222 Korea.MSDS@PPG.COM
Linai Address	Kolea.modo@FFG.COm
Emergency telephone number:	: +82-52-210-8222

Section 2. Hazards identification

N	
A. Hazard classification	: AMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (oral) - Category 4
	ACUTE TOXICITY (inhalation) - Category 4
	SKIN IRRITATION - Category 2
	SERIOUS EYE DAMAGE - Category 1
	SKIN SENSITIZATION - Category 1
	CARCINOGENICITY - Category 2
	TOXIC TO REPRODUCTION - Category 2
	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1
	AQUATIC HAZARD (ACUTE) - Category 1
	AQUATIC HAZARD (LONG-TERM) - Category 1
T I I I I I I I I I I I I I I I I I I I	

This product is classified in accordance with the Industrial Safety and Health Act and the Chemical Control Act.

B. GHS label elements, including precautionary statements



Section 2. Hazards identification

	Hazard statements	 F226 - Flammable liquid and vapor. H302 + H332 - Harmful if swallowed or if inhaled. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage. H351 - Suspected of causing cancer. H361 - Suspected of damaging fertility or the unborn child. H372 - Causes damage to organs through prolonged or repeated exposure. (central nervous system (CNS), kidneys, liver) H410 - Very toxic to aquatic life with long lasting effects.
	Precautionary statements	
	Prevention	 P202 - Do not handle until all safety precautions have been read and understood. P280 - Wear protective gloves, protective clothing and eye or face protection. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P241 - Use explosion-proof electrical, ventilating or lighting equipment. P242 - Use non-sparking tools. P243 - Take action to prevent static discharges. P273 - Avoid release to the environment. P260 - Do not breathe vapor. P270 - Do not eat, drink or smoke when using this product. P264 - Wash thoroughly after handling.
	Response	 P391 - Collect spillage. P308 + P313 - IF exposed or concerned: Get medical advice or attention. P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell. P362 + P364 - Take off contaminated clothing and wash it before reuse. P302 + P352 - IF ON SKIN: Wash with plenty of water. P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention. P305 + P351 + P338, P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
	Storage	P403 + P235 - Store in a well-ventilated place. Keep cool.
	Disposal	· · ·
	บเรมอริสเ	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
C.	Other hazards which do not result in classification	Prolonged or repeated contact may dry skin and cause irritation.

Section 3. Composition/information on ingredients

CAS number/other identifiers

CAS number

: Not applicable.

Korea (GHS) Page: 2/16

Section 3. Composition/information on ingredients

Chemical name	Common name	Identifiers	%
dicopper oxide	DICOPPER OXIDE / COPPER (I) OXIDE	CAS: 1317-39-1	30 - <40
zinc oxide rosin Xylene titanium dioxide 5-methylhexan-2-one 4,5-Dichloro-2-N-octyl-4-isothizaolin-	ZINC OXIDE Rosin XYLENES TITANIUM DIOXIDE METHYL ISOAMYL KETONE 4,5-Dichloro-2-octyl-2H-isothiazol-3-one	CAS: 1314-13-2 CAS: 8050-09-7 CAS: 1330-20-7 CAS: 13463-67-7 CAS: 110-12-3 CAS: 64359-81-5	10 -<20 10 -<20 10 -<20 5 - <10 5 - <10 1 - <5
3-one ethylbenzene Talc , not containing asbestiform fibres copper oxide carbon black copper	ETHYLBENZENE Talc, non-asbestos form COPPER OXIDE CARBON BLACK COPPER	CAS: 100-41-4 CAS: 14807-96-6 CAS: 1317-38-0 CAS: 1333-86-4 CAS: 7440-50-8	1 - <5 1 - <5 1 - <5 0.1 - <1 0.1 - <1

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Α.	Eye contact	:	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.		
В.	Skin contact	:	Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.		
C.	Inhalation	:	Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.		
D.	Ingestion	:	If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.		
Е.	Notes to physician	:	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.		
	Specific treatments	1	No specific treatment.		
	Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.		

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Product name SIGMA ECOFLEET 530 GREY

-	0		5
Α.	Extinguishing media		
	Suitable extinguishing media	1	Use dry chemical, CO ₂ , water spray (fog) or foam.
	Unsuitable extinguishing media	:	Do not use water jet.
В.	Specific hazards arising from the chemical	:	Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. This material is very toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
	Hazardous thermal decomposition products	:	Decomposition products may include the following materials: carbon oxides nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides oxides of lead
C.	Special equipment for fire-fighting	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Fire-fighting procedures	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
-			

Section 6. Accidental release measures

contractor.

A. Personal precautions, protective equipment and emergency procedures	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
B. Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
C. Methods and materials for c	ontainment and cleaning up
Small spill	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal

Section 6. Accidental release measures

- Large spill
- : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

A. Precautions for safe : Put on appropriate personal protective equipment (see Section 8). Persons with a handling history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

B. Conditions for safe : Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store storage, including any incompatibilities in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

A. Occupational exposure limits

Ingredient name	Exposure limits
dícopper oxide	Ministry of Employment and Labor
	(Republic of Korea, 1/2020).
	TWA: 0.1 mg/m ³ 8 hours. Form: Fume
zinc oxide	Ministry of Employment and Labor
	(Republic of Korea, 1/2020).
	TWA: 2 mg/m ³ 8 hours. Form: Respirable
	dust
	STEL: 10 mg/m ³ 15 minutes.
	TWA: 5 mg/m ³ 8 hours.
rosin	ACGIH TLV (United States, 1/2021). Skin
	sensitizer. Inhalation sensitizer.
Xylene	Ministry of Employment and Labor
	(Republic of Korea, 1/2020).
	Korea (GHS) Page: 5/16

Section 8. Exposure controls/personal protection

titanium dioxide TWA: 100 ppm 8 hours. titanium dioxide Winistry of Employment and Labor (Republic of Korea, 1/2020). 5-methylhexan-2-one Winistry of Employment and Labor (Republic of Korea, 1/2020). ethylbenzene Winistry of Employment and Labor (Republic of Korea, 1/2020). Taic , not containing asbestiform fibres Winistry of Employment and Labor (Republic of Korea, 1/2020). Taic , not containing asbestiform fibres Winistry of Employment and Labor (Republic of Korea, 1/2020). copper oxide Winistry of Employment and Labor (Republic of Korea, 1/2020). carbon black Winistry of Employment and Labor (Republic of Korea, 1/2020). copper Winistry of Employment and Labor (Republic of Korea, 1/2020). TWA: 2 mg/m ² 8 hours. Form: Fibres Winistry of Employment and Labor (Republic of Korea, 1/2020). TWA: 2 mg/m ² 8 hours. Form: Inhalable fraction TWA: 3 ng/m ² 8 hours. Form: Inhalable fraction copper : If this product contains ingredients with exposure limits. personal, workplace atmosphere or biological monitoring may be required to determination of hazardous substances will also be required. Appropriate engineering controls : If this product contains ingredients with exposure limits. The engineering control also need to keep gas, yoor or dust concentrations below any lower explosive limits. Use engineering controls to keep worker exposure to altorne contaminants below			STEL: 150 ppm 15 minutes.
5-methylhexan-2-one IRepublic of Korea, 1/2020, TWA: 10 mg/m³ 8 hours. Form: total dust with less than 1% of free SiO2 ethylbenzene Ministry of Employment and Labor (Republic of Korea, 1/2020), TWA: 50 ppm 8 hours. Talc , not containing asbestiform fibres Ministry of Employment and Labor (Republic of Korea, 1/2020), STEL: 125 ppm 15 minutes. copper oxide Ministry of Employment and Labor (Republic of Korea, 1/2020), STEL: 125 ppm 15 minutes. copper oxide Ministry of Employment and Labor (Republic of Korea, 1/2020), TWA: 2 mg/m³ 8 hours. Form: fibres Ministry of Employment and Labor (Republic of Korea, 1/2020), TWA: 0.5 mg/m³ 8 hours. Form: inhalable fraction carbon black Ministry of Employment and Labor (Republic of Korea, 1/2020), TWA: 0.1 mg/m³ 8 hours. Form: inhalable fraction Recommended monitoring procedures If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Appropriate engineering controls I use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering outrols to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure controls Empisions from ventilation or work process equipment should be checked to ensure cases,			TWA: 100 ppm 8 hours.
5-methylhexan-2-one TWA: 10 mg/m ² B hours. Form: total dust with less than 1% of free SiO2 5-methylhexan-2-one Ministry of Employment and Labor (Republic of Korea, 1/2020). ethylbenzene TWA: 50 ppm 8 hours. Talc , not containing asbestiform fibres Ministry of Employment and Labor (Republic of Korea, 1/2020). copper oxide TWA: 50 mg/m ² 8 hours. Form: total dust with less than 1% of free SiO2 copper oxide Ministry of Employment and Labor (Republic of Korea, 1/2020). carbon black TWA: 30 mg/m ² 8 hours. Form: fibres copper oxide Ministry of Employment and Labor (Republic of Korea, 1/2020). copper oxide TWA: 3.0 mg/m ² 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). copper TWA: 3.0 mg/m ² 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). rtwa: 3.5 mg/m ² 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). rtwa: 3.5 mg/m ² 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). rtwa: 3.5 mg/m ² 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). rtwa: 3.5 mg/m ² 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). rtwa: 3.5 mg/m ² 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). rtwa: 3.5 mg/m ² 8 hours. Form: Fume	titanium dioxide		
5-methylhexan-2-one with less than 1% of three SiO2 5-methylhexan-2-one Ministry of Employment and Labor (Republic of Korea, 1/2020), TWA: 50 ppm 8 hours. ethylbenzene STEL: 125 ppm 15 minutes. TWA: 100 ppm 8 hours. Talc , not containing asbestiform fibres Ministry of Employment and Labor (Republic of Korea, 1/2020), STEL: 125 ppm 15 minutes. TWA: 100 ppm 8 hours. Form: fibers copper oxide Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 2 mg/m² 8 hours. Form: fibers carbon black Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m² 8 hours. Form: Fume copper If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of nazardous substances will also be required. Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to aiborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure controls : Emsistions from ventilation or work process equipment should be checked to ensure cases, fume scrubbers, filters or eng			
5-methylhexan-2-one Ministry of Employment and Labor (Republic of Korea, 1/2020). ethylbenzene TWA: 50 ppm 8 hours. Talc , not containing asbestiform fibres Ministry of Employment and Labor (Republic of Korea, 1/2020). Talc , not containing asbestiform fibres Ministry of Employment and Labor (Republic of Korea, 1/2020). copper oxide Ministry of Employment and Labor (Republic of Korea, 1/2020). copper oxide Ministry of Employment and Labor (Republic of Korea, 1/2020). carbon black Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m³ 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m³ 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m³ 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m³ 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m³ 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m³ 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m³ 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m³ 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m³ 8 hours. Form: Fume Ministry of Employment and Labor (Republic			TWA: 10 mg/m ³ 8 hours. Form: total dust
ethylbenzene (Republic of Korea, 1/2020). TWA: 50 ppm 8 hours. Talc , not containing asbestiform fibres Ministry of Employment and Labor (Republic of Korea, 1/2020). STEL: 125 ppm 15 minutes. TWA: 100 ppm 8 hours. Talc , not containing asbestiform fibres Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 2 mg/m ³ 8 hours. Form: fibres Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 2 mg/m ³ 8 hours. Form: Fune Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 3.5 mg/m ³ 8 hours. Form: Fune Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 3.5 mg/m ³ 8 hours. Form: Fune Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 3.5 mg/m ³ 8 hours. Form: Fune Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 3.5 mg/m ³ 8 hours. Form: Fune Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m ³ 8 hours. Form: Fune atmosphere or biological monitoring may be reporant, workplace atmosphere or biological monitoring may be reporant; workplace atmosphere or biological monitoring may be reporant; workplace atmosphere or biological monitoring may be required. Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to aiborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any erecommended or statutory limits. The lighteet were subsets limits. Use explosion-proof ventilation or work process equipment should be checked to ensur they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessar			with less than 1% of free SiO2
ethylbenzene TWA: 50 ppm 8 hours. Ministry of Employment and Labor (Republic of Korea, 1/2020). Talc , not containing asbestiform fibres TWA: 100 ppm 8 hours. copper oxide TWA: 2 ng/m² 8 hours. Form: fibres carbon black Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 2 ng/m² 8 hours. Form: fibres Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 2 ng/m² 8 hours. Form: fibres Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 3.5 ng/m² 8 hours. Form: Fume Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the veniliation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gav, apor or dust concentrations below any one explosive limits. Use explosion-proof ventilation ro tower contained spisation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be nece	5-methylhexan-2-one		Ministry of Employment and Labor
ethylbenzene Ministry of Employment and Labor (Republic of Korea, 1/2020). Talc , not containing asbestiform fibres Talc , not containing asbestiform fibres copper oxide Ministry of Employment and Labor (Republic of Korea, 1/2020). copper oxide TWA: 100 ppm 8 hours. Form: fibres carbon black Ministry of Employment and Labor (Republic of Korea, 1/2020). copper Winistry of Employment and Labor (Republic of Korea, 1/2020). copper TWA: 0.1 mg/m³ 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m³ 8 hours. Form: Fume Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness: of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference to national guidance documents for methods for the determinants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure controls : Emissions from ventilation or other process enclosures, local exhaust ventilation or other engineering controls to keep work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necesary to reduce emissions to acceptable levels. Th	-		(Republic of Korea, 1/2020).
ethylbenzene Ministry of Employment and Labor (Republic of Korea, 1/2020). Talc , not containing asbestiform fibres Talc , not containing asbestiform fibres copper oxide Ministry of Employment and Labor (Republic of Korea, 1/2020). copper oxide TWA: 100 ppm 8 hours. Form: fibres carbon black Ministry of Employment and Labor (Republic of Korea, 1/2020). copper Winistry of Employment and Labor (Republic of Korea, 1/2020). copper TWA: 0.1 mg/m³ 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m³ 8 hours. Form: Fume Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness: of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference to national guidance documents for methods for the determinants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure controls : Emissions from ventilation or other process enclosures, local exhaust ventilation or other engineering controls to keep work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necesary to reduce emissions to acceptable levels. Th			TWA: 50 ppm 8 hours.
Appropriate engineering controls : If this product contains ingredients with exposure limits, per sensal, workplace atmosphere should be below any recommended or sutury limits. The engineering controls : If this product contains ingredients with exposure limits, per sensal, workplace atmosphere should be below any recommended or sutury limits. The engineering controls Republic of korea, 1/2020). : Weak and the engineering comport of korea, 1/2020). TWA: 2 mg/m ² 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m ³ 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m ³ 8 hours. Form: Fume Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne controls Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emiss	ethylbenzene		Ministry of Employment and Labor
Talc , not containing asbestiform fibres STEL: 125 ppm 15 minutes. TWA: 100 ppm 8 hours. Copper oxide Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 2 mg/m² 8 hours. Form: fibres carbon black TWA: 0.1 mg/m² 8 hours. Form: Fume copper Winistry of Employment and Labor (Republic of Korea, 1/2020). TWA: 3.5 mg/m² 8 hours. Form: Fume copper Winistry of Employment and Labor (Republic of Korea, 1/2020). TWA: 3.5 mg/m² 8 hours. Form: inhalable fraction Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation elevalized endow any lower explosive limits. Use explosion-proof ventilation elevalized exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed t			(Republic of Korea, 1/2020).
Tale , not containing asbestiform fibres TWA: 100 ppm 8 hours. Copper oxide Winistry of Employment and Labor (Republic of Korea, 1/2020). carbon black TWA: 2 mg/m² 8 hours. Form: fibers carbon black Winistry of Employment and Labor (Republic of Korea, 1/2020). copper TWA: 0.1 mg/m² 8 hours. Form: fibers copper Winistry of Employment and Labor (Republic of Korea, 1/2020). TWA: 3.5 mg/m² 8 hours. Form: inhalable fraction monitoring procedures If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Appropriate engineering controls Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other control measures and/or the neolewary lower exposure to also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure controls Emissions from ventilation or owrk process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Pers			
Tale , not containing asbestiform fibresMinistry of Employment and Labor (Republic of Korea, 1/2020). TWA: 2 mg/m³ 8 hours. Form: fibers Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m³ 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m³ 8 hours. Form: inhalable fraction Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 3.5 mg/m³ 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 3.5 mg/m³ 8 hours. Form: FumeRecommended monitoring procedures:If this product contains ingredients with exposure limits, personal, workplace at the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.Appropriate engineering controls:Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.Environmental exposure controls:Emsisions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.Personal protective equipment workers are exposed to concentrations above the exposure levels, the hazards of the product and the safe working limits of the select			
copper oxide(Republic of Korea, 1/2020). TWA: 2 mgM* 8 hours. Form: fibers Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/M* 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/M* 8 hours. Form: inhalable fractioncopperIf this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination or hazardous substances will also be required.Appropriate engineering controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne controls or other engineering controls to keep worker exposure to airborne controls in the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.Personal protective equipment: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the asfe working limits of the selected respirator. If workers are exposed to concentrations above the exposure levels, the hazards of the product and the asfe working limits of the selected respirator. If workers are exposed to concentrations above the exposure levels, the hazards of the product and the asfe working limits of the selected respirator. If workers are exposed to concentrations above the exposure levels the appropriate, certified respirators. Use a properly	Talc not containing asbestit	form fibres	
copper oxideTWA: 2 mg/m³ 8 hours. Form: fiberscarbon blackMinistry of Employment and Labor(Republic of Korea, 1/2020), TWA: 0.1 mg/m³ 8 hours. Form: FumecopperMinistry of Employment and Labor(Republic of Korea, 1/2020), TWA: 3.5 mg/m³ 8 hours. Form: inhalable fractionrecommended monitoring procedures:if this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.Appropriate engineering controls:Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.Environmental exposure controls:Respiratory protective equipmentRespiratory protective equipmentRespiratory protective equipmentRespiratory protective equipmentRespiratory protective equipmentRespirator comrolsService controlsControlsControlsEnvironmental exposure controlsEnvironmental exposure controlsEnvironmental exposure controlsRespirator selection must			
copper oxideMinistry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m ² 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 3.5 mg/m ³ 8 hours. Form: inhalable fractioncopperIf this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination or hazardous substances will also be required.Appropriate engineering controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protective equipmentRespiratory protective: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this necessary.			
carbon black (Republic of Korea, 1/2020). TWA: 0.1 mg/m² 8 hours. Form: Fume Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 3.5 mg/m² 8 hours. Form: inhalable fraction copper Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m² 8 hours. Form: Fume Recommended monitoring procedures If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Personal protective equipment : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to conconentrations abo	conner oxide		
carbon black TWA: 0.1 mg/m³ 8 hours. Form: Fume Copper Winistry of Employment and Labor (Republic of Korea, 1/2020). Recommended monitoring procedures If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Personal protective equipment : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk			
carbon black Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 3.5 mg/m³ 8 hours. Form: inhalable fraction copper If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Personal protective equipment : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this necessary.			
copper (Republic of Koreå, 1/2020). TWA: 3.5 mg/m³ 8 hours. Form: inhalable fraction Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Personal protective equipment : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this necesary. <td>oorbon block</td> <td></td> <td></td>	oorbon block		
copper TWA: 3.5 mg/m³ 8 hours. Form: inhalable fraction Recommended monitoring procedures If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Personal protective equipment : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this necessary.			
copper fraction Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m³ 8 hours. Form: Fume Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Appropriate engineering : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Personal protective equipment : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this			
copper Ministry of Employment and Labor (Republic of Korea, 1/2020). TWA: 0.1 mg/m³ 8 hours. Form: Fume Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Personal protective equipment : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this necessary. <td></td> <td></td> <td></td>			
Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure controls Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Personal protective equipment : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this necessary.			
TWA: 0.1 mg/m³ 8 hours. Form: Fume Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Personal protective equipment : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this necessary.	copper		
 Recommended monitoring procedures If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Appropriate engineering controls Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Personal protective equipment Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this necessary. 			
monitoring proceduresatmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.Appropriate engineering controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.Personal protective equipment Respiratory protection: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this necessary.			TWA: 0.1 mg/m ³ 8 hours. Form: Fume
controlsventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.Environmental exposure controlsEmissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.Personal protective equipment: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this necessary.	monitoring procedures	of the ventilation or other control mea protective equipment. Reference sho standards. Reference to national guid	sures and/or the necessity to use respiratory ould be made to appropriate monitoring dance documents for methods for the
exposure controlsthey comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.Personal protective equipmentRespiratory protection: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this necessary.		ventilation or other engineering contro contaminants below any recommende also need to keep gas, vapor or dust	ols to keep worker exposure to airborne ed or statutory limits. The engineering controls
exposure controlsthey comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.Personal protective equipmentRespiratory protection: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this necessary.		limits. Use explosion-proof ventilation	n equipment.
Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this necessary.	Environmental	• •	
hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this necessary.		Emissions from ventilation or work pro they comply with the requirements of cases, fume scrubbers, filters or engin	ocess equipment should be checked to ensure environmental protection legislation. In some neering modifications to the process
•	exposure controls Personal protective equipm	Emissions from ventilation or work pro they comply with the requirements of cases, fume scrubbers, filters or engine equipment will be necessary to reduce	ocess equipment should be checked to ensure environmental protection legislation. In some neering modifications to the process e emissions to acceptable levels.
	exposure controls Personal protective equipm	 Emissions from ventilation or work prothey comply with the requirements of cases, fume scrubbers, filters or enginequipment will be necessary to reduce Respirator selection must be based of hazards of the product and the safe workers are exposed to concentration appropriate, certified respirators. Using respirator complying with an approve 	ocess equipment should be checked to ensure environmental protection legislation. In some neering modifications to the process e emissions to acceptable levels. on known or anticipated exposure levels, the working limits of the selected respirator. If ns above the exposure limit, they must use e a properly fitted, air-purifying or air-fed

Section 8. Exposure controls/personal protection

Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Gloves	: butyl rubber
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

A Appearance								
A. Appearance		النصينام						
Physical state		Liquid.						
Color	-	Various						
B. Odor		Aromatic.						
C. Odor threshold	1	Not available.						
D. pH	:	Not applicable.						
E. Melting/freezing poi	nt :	Not available.						
F. Boiling point/boiling range	; ;	>37.78°C (>100°F)						
G. Flash point	:	Closed cup: 30°C (8	6°F)					
H. Evaporation rate	:	Not available.						
I. Flammability (solid,	gas) :	Not available.						
J. Lower and upper explosive (flammabl limits		Greatest known rang	ge: Lower:	1.8%	Upper: 9% (5-	methylhe	exan-2-on	e)
K. Vapor pressure	:		Vapo	r Press	ure at 20°C	Va	oor press	sure at 50°C
		Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
		ethylbenzene	9.3	1.2				
L. Solubility	:	Insoluble in the follo	wing mate	rials: co	old water.		I	
Solubility in water		Not available.	-					
M. Vapor density		Not available.						
N. Relative density		1.9						
-								

Korea (GHS) Page: 7/16

Section 9. Physical and chemical properties

O. Partition coefficient: n- octanol/water	: Not ap	plicable.				
P. Auto-ignition	: Ingree	dient name	°C	°F	Method	
temperature	5-methy	/lhexan-2-one	400	752	EU A.15	
Q. Decomposition temperature	: Not ava	ailable.	I	I	ł	
R. Viscosity	: Kinema	Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)				
Flow time (ISO 2431)	: Not ava	Not available.				
· · · · · · · · · · · · · · · · · · ·						

S. Molecular weight : Not applicable.

Section 10. Stability and reactivity

Α.	Chemical stability	:	The product is stable.
	Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
В.	Conditions to avoid	:	When exposed to high temperatures may produce hazardous decomposition products.
C.	Incompatible materials	:	Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.
D.	Hazardous decomposition products	:	Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides

Section 11. Toxicological information

A. Information on the likely routes of exposure	/ : Not available.
Potential acute health effe	<u>cts</u>
Inhalation :	Harmful if inhaled.
Ingestion :	Harmful if swallowed.
Skin contact :	Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.
Eye contact :	Causes serious eye damage.
Over-exposure signs/sym	<u>otoms</u>
Inhalation :	Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion :	Adverse symptoms may include the following: stomach pains reduced fetal weight increase in fetal deaths skeletal malformations

Section 11. Toxicological information

Skin contact	: Adverse symptoms may include the following: pain or irritation redness dryness cracking blistering may occur reduced fetal weight increase in fetal deaths skeletal malformations
Eye contact	: Adverse symptoms may include the following: pain watering redness

B. Health hazards

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
dicopper oxide	LC50 Inhalation Dusts and	Rat	3.34 mg/l	4 hours
	mists			
	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	500 mg/kg	-
zinc oxide	LC50 Inhalation Dusts and	Rat	>5700 mg/m ³	4 hours
	mists			
	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
rosin	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	7600 mg/kg	-
Xylene	LD50 Dermal	Rabbit	1.7 g/kg	-
	LD50 Oral	Rat	4.3 g/kg	-
titanium dioxide	LC50 Inhalation Dusts and	Rat	>6.82 mg/l	4 hours
	mists		Ŭ	
	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
5-methylhexan-2-one	LC50 Inhalation Gas.	Rat	5000 ppm	4 hours
,	LD50 Dermal	Rabbit	8.14 g/kg	-
	LD50 Oral	Rat	5657 mg/kg	-
4,5-Dichloro-2-N-octyl-4-isothizaolin-	LC50 Inhalation Dusts and	Rat	0.16 mg/l	4 hours
3-one	mists		0	
	LD50 Dermal	Rabbit	3.9 g/kg	-
	LD50 Oral	Rat	567 mg/kg	-
ethylbenzene	LC50 Inhalation Vapor	Rat	17.8 mg/l	4 hours
,	LD50 Dermal	Rabbit	17.8 g/kg	-
	LD50 Oral	Rat	3.5 g/kg	-
copper oxide	LD50 Oral	Rat	>2000 mg/kg	-
carbon black	LD50 Oral	Rat	>10 g/kg	-
copper	LC50 Inhalation Dusts and	Rat	>5.11 mg/l	4 hours
••	mists		l ű	

Conclusion/Summary

: There are no data available on the mixture itself.

Irritation/Corrosion

Version 5

Product name SIGMA ECOFLEET 530 GREY

Section 11. Toxicological information

		0				
Product/ingredient name		Result	Species	Score	Exposure	Observation
▼ylene		Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
Conclusion/Summary			•			•
Skin	: T	here are no data available o	on the mixture	itself.		
Eyes	: T	here are no data available o	on the mixture	itself.		
Respiratory	: T	here are no data available o	on the mixture	itself.		
Sensitization Conclusion/Summary Skin Respiratory	• • • •	ere are no data available or ere are no data available or				
<u>Mutagenicity</u> Conclusion/Summary	: TI	nere are no data available o	n the mixture it	self.		
Carcinogenicity Conclusion/Summary	: Т	here are no data available c	on the mixture i	tself.		

Reproductive toxicity

Product/ingredient name	Maternal toxicity	Fertility	Development toxin	Species	Dose	Exposure
5-methylhexan-2-one	-	-	Equivocal	Rabbit	Inhalation: 1250 ppm	-

Conclusion/Summary : There are no data available on the mixture itself.

Teratogenicity

Conclusion/Summary : There are no data available on the mixture itself.

Specific target organ toxicity (single exposure)

Name	Classification	Route of exposure	Target organs
Xylene Talc , not containing asbestiform fibres	Category 3 Category 3	-	Narcotic effects Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Name	Classification	Route of exposure	Target organs
Xylene	Category 1		central nervous system (CNS), kidneys, liver

Aspiration hazard

Name	Result
5-methylhexan-2-one ethylbenzene	ASPIRATION HAZARD - Category 2 ASPIRATION HAZARD - Category 1
	Korea (GHS) Page: 10/16

Section 11. Toxicological information

Potential chronic health effects

General	: Causes damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.

Additional information

Prolonged or repeated contact may dry skin and cause irritation. Sanding and grinding dusts may be harmful if inhaled. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Avoid contact with skin and clothing.

Chemical name	Identifiers	GHS Classification
dicopper oxide	CAS: 1317-39-1	ACUTE TOXICITY (oral) - Category 4
		ACUTE TOXICITY (inhalation) - Category 4
		SERIOUS EYE DAMAGE - Category 1
		AQUATIC HAZARD (ACUTE) - Category 1
		AQUATIC HAZARD (LONG-TERM) - Category 1
zinc oxide	CAS: 1314-13-2	AQUATIC HAZARD (ACUTE) - Category 1
		AQUATIC HAZARD (LONG-TERM) - Category 1
rosin	CAS: 8050-09-7	SKIN SENSITIZATION - Category 1B
		AQUATIC HAZARD (LONG-TERM) - Category 4
Xylene	CAS: 1330-20-7	FLAMMABLE LIQUIDS - Category 3
- y		ACUTE TOXICITY (dermal) - Category 4
		ACUTE TOXICITY (inhalation) - Category 4
		SKIN IRRITATION - Category 2
		EYE IRRITATION - Category 2A
		SPECIFIC TARGET ORGAN TOXICITY (SINGLE
		EXPOSURE) (Narcotic effects) - Category 3
		SPECIFIC TARGET ORGAN TOXICITY
		(REPEATED EXPOSURE) - Category 1
titanium dioxide	CAS: 13463-67-7	CARCINOGENICITY - Category 2
5-methylhexan-2-one	CAS: 110-12-3	FLAMMABLE LIQUIDS - Category 3
• ···• ··· , ···· ··· _ ····		ACUTE TOXICITY (inhalation) - Category 4
		TOXIC TO REPRODUCTION - Category 2
		ASPIRATION HAZARD - Category 2
4,5-Dichloro-2-N-octyl-4-isothizaolin-	CAS: 64359-81-5	ACUTE TOXICITY (oral) - Category 4
3-one		
		ACUTE TOXICITY (dermal) - Category 3
		ACUTE TOXICITY (inhalation) - Category 2
		SKIN CORROSION - Category 1
		SERIOUS EYE DAMAGE - Category 1
		SKIN SENSITIZATION - Category 1
		AQUATIC HAZARD (ACUTE) - Category 1
		AQUATIC HAZARD (LONG-TERM) - Category 1
ethylbenzene	CAS: 100-41-4	FLAMMABLE LIQUIDS - Category 2
		ACUTE TOXICITY (inhalation) - Category 4
	1	Korea (GHS) Page: 11/16
		Korea (GHS) Page: 11/16

Section 11. Toxicological information

		CARCINOGENICITY - Category 2 ASPIRATION HAZARD - Category 1
		AQUATIC HAZARD (LONG-TERM) - Category 3
Talc , not containing asbestiform fibres	CAS: 14807-96-6	SPECIFIC TARGET ORGAN TOXICITY (SINGLE
-		EXPOSURE) (Respiratory tract irritation) -
		Category 3
copper oxide	CAS: 1317-38-0	AQUATIC HAZARD (ACUTE) - Category 1
		AQUATIC HAZARD (LONG-TERM) - Category 1
carbon black	CAS: 1333-86-4	CARCINOGENICITY - Category 2
copper	CAS: 7440-50-8	AQUATIC HAZARD (ACUTE) - Category 1
		AQUATIC HAZARD (LONG-TERM) - Category 3

Section 12. Ecological information

A. Ecotoxicity

Product/ingredient name	Result	Species	Exposure
dícopper oxide	LC50 0.003 mg/l	Fish	96 hours
zinc oxide	Acute EC50 0.17 mg/l	Algae	72 hours
	Acute EC50 0.481 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Chronic NOEC 0.017 mg/l Fresh water	Algae	72 hours
titanium dioxide	Acute LC50 >100 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
5-methylhexan-2-one	Acute LC50 159 mg/l	Fish	96 hours
4,5-Dichloro-2-N-octyl- 4-isothizaolin-3-one	Acute EC50 267.368 µg/l Marine water	Algae - Nitzschia pungens	96 hours
	Acute LC50 0.318 mg/l Marine water	Crustaceans - Artemia sp.	48 hours
	Acute LC50 0.0027 mg/l Fresh water	Fish	96 hours
	Chronic NOEC 19.789 µg/l Marine water	Algae - Nitzschia pungens	96 hours
	Chronic NOEC 0.00056 mg/l Fresh water	Fish	97 days
ethylbenzene	Acute EC50 1.8 mg/l Fresh water	Daphnia	48 hours
-	Chronic NOEC 1 mg/l Fresh water	Daphnia - Ceriodaphnia dubia	-
copper	Acute LC50 810 ppb	Fish	96 hours

B. Persistence and degradability

Product/ingredient name	Test	Result		Dose		Inoculum
5-methylhexan-2-one ethylbenzene	OECD 301D -		adily - 28 days adily - 10 days	-		-
Product/ingredient name	Aquatic half-life		Photolysis		Biodeg	radability
₩ylene 5-methylhexan-2-one ethylbenzene	- -		- -		Readily Readily Readily	,

C. Bioaccumulative potential

LogPow	BCF	Potential	
1.9 to 7.7	-	high	
3.12	7.4 to 18.5	low	
1.88	-	low	
3.6	79.43	low	
3.0	79.43		Page:
	1.9 to 7.7 3.12 1.88	1.9 to 7.7 - 3.12 7.4 to 18.5 1.88 -	1.9 to 7.7 - high 3.12 7.4 to 18.5 low 1.88 - low

Section 12. Ecological information

D. <u>Mobility in soil</u>

Soil/water partition : Not available. coefficient (Koc)

E. <u>Other adverse effects</u> : No known significant effects or critical hazards.

Section 13. Disposal considerations

- A. Disposal methods
 The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
- B. Disposal precautions
 This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	UN	IMDG	ΙΑΤΑ
A. UN number	UN1263	UN1263	UN1263
B. UN proper shipping name	PAINT	PAINT	PAINT
C. Transport hazard class(es)	3	3	3
D. Packing group	III	III	III
Environmental hazards	Yes. The environmentally hazardous substance mark is not required.	Yes.	Yes. The environmentally hazardous substance mark is not required.
E. Marine pollutant substances	Not applicable.	(dicopper oxide, zinc oxide)	Not applicable.

Additional information

UN	: None identified.
IMDG	: The marine pollutant mark is not required when transported in sizes of \leq 5 L or \leq 5 kg.
ΙΑΤΑ	: The environmentally hazardous substance mark may appear if required by other transportation regulations.

Section 14. Transport information

F. Special precaution which a user to be aware of or needs to comply with in connection with transport or transportation

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according : Not applicable. to IMO instruments

Section 15. Regulatory information

	-			
Regulation according to ISHA				
ISHA article 117 (Harmful substances prohibited from manufacture)	None of the components are listed.			
ISHA article 118 (Harmful substances requiring permission)	None of the components are listed.			
Article 2 of Youth Protection Act on Substances Hazardous to Youth	It is not allowed to sell to persons under the age of 19.			
Exposure Limits of Chem	I Substances and Physical Factors			
The following components have an OEL: dicopper oxide zinc oxide rosin Xylene titanium dioxide 5-methylhexan-2-one ethylbenzene Talc , not containing asbestiform fibres copper oxide carbon black				
ISHA Enforcement Regs Annex 19 (Exposure standards established for harmful factors)	None of the components are listed.			
ISHA Enforcement Regs Annex 21 (Harmful factors subject to Work Environment Measurement)	The following components are listed: zinc oxide, xylene, titanium dioxide, ethyl benzene, talc / soapstone			
ISHA Enforcement Regs Annex 22 (Harmful Factors Subject to Special Health Check- up)	The following components are listed: Copper (dust, mist, fume), Zinc oxide, Xylen Ethyl benzene			
	ISHA article 117 : (Harmful substances prohibited from manufacture) ISHA article 118 : (Harmful substances requiring permission) Article 2 of Youth Protection Act on Substances Hazardous to Youth Exposure Limits of Chemical The following components ha dicopper oxide zinc oxide rosin Xylene titanium dioxide 5-methylhexan-2-one ethylbenzene Talc , not containing asbestife copper oxide carbon black copper ISHA Enforcement Regs : Annex 19 (Exposure standards established for harmful factors) ISHA Enforcement Regs : Annex 21 (Harmful factors subject to Work Environment Measurement) ISHA Enforcement Regs : Annex 22 (Harmful Factors Subject to Special Health Check-			

S	ection 15. Regula	at	ory information
	Standard of Industrial Safety and Health Annex 12 (Hazardous substances subject to control)	:	The following components are listed: copper and its compounds, zinc and its compounds, xylene, titanium dioxide, ethyl benzene, copper and its compounds
В.	Regulation according to	<u>Ch</u>	emicals Control Act
	CCA Article 11 (TRI)	:	The following components are listed: Copper and its compounds, Zinc and its compounds, Xylene including o-,m-,p- isomer, Ethylbenzene, Copper and its compounds
	Article 18 Prohibited (K- Reach Article 27)	:	None of the components are listed.
	Article 19 Subject to authorization (K-Reach Article 25)	:	None of the components are listed.
	Article 20 Restricted (K- Reach Article 27)	:	None of the components are listed.
	Article 20 Toxic Chemicals (K-Reach Article 20)	:	Toxic
	Korea inventory	:	All components are listed or exempted.
	CCA Article 39 (Accident Precaution Chemicals)	:	The following components are listed: 4,5-Dichloro-2-N-octyl-4-isothizaolin-3-one and mixtures which contain 1% or more
C.	Dangerous Materials Safety Management Act	:	Class: Class 4 - Flammable Liquid Item: 4. Class 2 petroleums - Water-insoluble liquid Threshold: 1000 L Danger category: III Signal word: Contact with sources of ignition prohibited
D.	Wastes regulation	1	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Ε.	Regulation according to	oth	er foreign laws
	Safety, health and environmental regulations specific for the product	:	No known specific national and/or regional regulations applicable to this product (including its ingredients).
<u> </u>			

Section 16. Other information

Α.	References	Korean Ministry of Environment; Chemical Control Act Korean Ministry of Labor; Industrial Safety and Health Act NIER Notice Registry of Toxic Effects of Chemical Substances (RTECS) U.S. Environmental Protection Agency, AQUIRE (Aquatic toxicity Information Retrieval) ECOTOX Database System.	
В.	Date of issue/Date of revision	5/22/2022	
С.	Version	5	
	Prepared by	EHS	

Korea (GHS) Page: 15/16

Section 16. Other information

D. Other

Indicates information that has changed from previously issued version.

Disclaimer

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.