SAFETY DATA SHEET



Conforms to Official Mexican Standard NOM-018-STPS-2015

Date of revision 21 August 2023

Version 9

Date of issue 21 August 2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product name	: AMERSHIELD DUSTY GREY RAL 7037
Product code	: 19AE013528
Other means of identification	: Not applicable.
Product type	: Liquid.
Relevant identified uses of	the substance or mixture and uses advised against
Product use	: Professional applications.
Use of the substance/ mixture	: Coating.
Uses advised against	: Not applicable.
Manufacturer	: Comercial Mexicana de Pinturas S.A. de C.V. Marcos Achar Lobatón, No. 6 Tepexpan, Acolman, Estado de México CP. 55885 Tel. (55)1669-1400 (México)
Emergency telephone number	: (412) 434-4515 (U.S.) (514) 645-1320 (Canada) SETIQ Interior de la República: 800-00-214-00 (México) SETIQ Ciudad de México: (55) 5559-1588 (México)
Customer Service / Technical Phone Number	: 800 7126-639 (México)

SECTION 2: Hazards identification

Classification of the substance or mixture	 FLAMMABLE LIQUIDS - Category 3 CARCINOGENICITY - Category 1A TOXIC TO REPRODUCTION - Category 2 Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 70.2% (oral), 71.5% (dermal), 43.2% (inhalation)
GHS label elements Hazard pictograms	
Signal word	: Danger

Product name AMERSHIELD DUSTY GREY RAL 7037

SECTION 2: Hazards identification

Hazard statements	:	H226 - Flammable liquid and vapor. H350 - May cause cancer. H361 - Suspected of damaging fertility or the unborn child.
Precautionary statements		
Prevention	:	 P201 - Obtain special instructions before use. 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.
Response	:	P308 + P313 - IF exposed or concerned: Get medical advice or attention. P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
Storage	1	P405 - Store locked up.
Disposal	:	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Other hazards which do not result in classification	:	May form explosive peroxides. Hazardous reactions or instability may occur under certain conditions of storage or use. Sanding and grinding dusts may be harmful if inhaled. Prolonged or repeated contact may dry skin and cause irritation. 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. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Emits toxic fumes when heated.

See toxicological information (Section 11)

SECTION 3: Composition/information on ingredients

Substance/mixture	: Mixture
Product name	: AMERSHIELD DUSTY GREY RAL 7037
Other means of	: Not applicable.
identification	

Ingredient name	%	CAS number
Wollastonite	≥20 - ≤50	13983-17-0
n-butyl acetate	≥10 - ≤13	123-86-4
2-methoxy-1-methylethyl acetate	≥1.0 - ≤6.6	108-65-6
Distillates (petroleum), hydrotreated light	≥1.0 - ≤5.0	64742-47-8
titanium dioxide	≥1.0 - ≤5.0	13463-67-7
ethyl 3-ethoxypropionate	≥1.0 - ≤5.0	763-69-9
crystalline silica, respirable powder (<10 microns)	<1.0	14808-60-7
bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	<1.0	41556-26-7
methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	<1.0	82919-37-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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.

Product name AMERSHIELD DUSTY GREY RAL 7037

SECTION 4: First aid measures

Description of necessary first aid measuresEye contact: Remove contact lenses, irrigate copiously with clean, fresh water, holding the
eyelids apart for at least 10 minutes and seek immediate medical advice.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.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.Ingestion: If swallowed, seek medical advice immediately and show this container or label.
Keep person warm and at rest. Do NOT induce vomiting.

Most important symptoms/effects, acute and delayed

Potential acute healt	h effects
Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Defatting to the skin. May cause skin dryness and irritation.
Ingestion	: No known significant effects or critical hazards.

Over-exposure signs/symptoms

See toxicological information (Section 11)

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	 In case of inhalation of decomposition products in a fire, symptoms may be delayed.
Specific treatments	The exposed person may need to be kept under medical surveillance for 48 hours. 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.

SECTION 5: Firefighting measures

Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO ₂ , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
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.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon oxides nitrogen oxides halogenated compounds metal oxide/oxides
Special protective actions for fire-fighters	: 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.
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SECTION 5: Firefighting measures

Special protective equipment for fire-fighters

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

ive 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. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
: 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).
ntainment and cleaning up
: 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 contractor.
: 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 non-combustible, 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

Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). 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 ingest. Avoid breathing vapor or mist. 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.
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Product name AMERSHIELD DUSTY GREY RAL 7037

SECTION 7: Handling and storage

Special precautions	:	Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors. May form explosive peroxides. Keep away from combustible materials. Avoid shock and friction. Avoid all possible sources of ignition (spark or flame). If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.
Advice on general occupational hygiene	:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	:	Do not store above the following temperature: 50°C (122°F). Store in accordance with local regulations. Store in a segregated and approved area. Store 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.

SECTION 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Wollastonite	ACGIH TLV (United States, 1/2022). TWA: 1 mg/m ³ 8 hours. Form: Inhalable
	fraction
n-butyl acetate	NOM-010-STPS-2014 (Mexico, 4/2016). STEL: 200 ppm 15 minutes. TWA: 150 ppm 8 hours.
2-methoxy-1-methylethyl acetate	IPEL (-, 10/2017). Absorbed through skin.
	TWA: 30 ppm
	STEL: 90 ppm
Distillates (petroleum), hydrotreated light	ACGIH TLV (United States, 1/2022).
	[Kerosene as total hydrocarbon vapor]
	Absorbed through skin.
	TWA: 200 mg/m³, (as total hydrocarbon
	vapor) 8 hours.
titanium dioxide	NOM-010-STPS-2014 (Mexico, 4/2016).
	TWA: 10 mg/m ³ 8 hours.
ethyl 3-ethoxypropionate	IPEL (-).
	TWA: 50 ppm
	STEL: 100 ppm
crystalline silica, respirable powder (<10 microns)	NOM-010-STPS-2014 (Mexico, 4/2016).
	TWA: 0.025 mg/m ³ 8 hours. Form:
his/(1,0,0,0,0, mentamenthy) (1, minerialy) echapter	Respirable
bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	None.
methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	None.

C = Ceiling Limit

Key to abbreviations

STEL = Short term exposure limit

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SECTION 8: Exposure controls/personal protection

= Internal Permissible Exposure Limit IPEL TLV Threshold Limit Value = TWA = Time Weighted Average Consult local authorities for acceptable exposure limits. **Recommended monitoring** : Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous procedures substances will also be required. : Use only with adequate ventilation. Use process enclosures, local exhaust Appropriate engineering ventilation or other engineering controls to keep worker exposure to airborne controls 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. : Emissions from ventilation or work process equipment should be checked to ensure **Environmental exposure** they comply with the requirements of environmental protection legislation. In some controls cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Individual protection measures Wash hands, forearms and face thoroughly after handling chemical products, before **Hygiene measures** eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Eye/face protection : Safety glasses with side shields. Skin 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 : For prolonged or repeated handling, use the following type of gloves: Recommended: butyl rubber May be used: nitrile rubber, Chloroprene : Personal protective equipment for the body should be selected based on the task **Body protection** 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. Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Respirator selection must be based on known or anticipated exposure levels, the **Respiratory protection** 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 is necessary.

Product name AMERSHIELD DUSTY GREY RAL 7037

SECTION 9: Physical and chemical properties

Appearance

Physical state: Liquid.Color: Not available.Odor: Not available.Odor threshold: Not available.Molecular weight: Not applicable.pH: Not applicable.PH: Not available.Boiling point: Not available.Boiling point: Not available.Boiling point: S7.78°C (>100°F)Flash point: Closed cup: 42°C (107.6°F)Auto-ignition temperature: Not available.Pecomposition temperature: Not available.Flammability: Not available.Flammability: Not available.Evaporation rate: Not available.Vapor pressure: Not available.Vapor density: Not available.Relative density: T29Density (lbs / gal): T0.77Solubility in water: Not available.Solubility in water: Not available.Partition coefficient: n- octand/water: Not available.Viscosify: Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)Volatility: $52\%(v(v), 22.43\%(w(w))$ % Solid. (w/w): 7.57			
Odor:Not available.Odor threshold:Not available.Molecular weight:Not applicable.pH:Not available.Boiling point:>37.78°C (>100°F)Flash point::Flash point:::Not available.Decomposition temperature::Not available.Decomposition temperature::Not available.Decomposition temperature::Not available.Lower and upper explosive::Not available.(flammable) limits::Evaporation rate::Not available.Vapor pressure::Not available.Vapor density::Not available.Relative density::Media:Resultcold waterNot soluble:Not available.:Not available.::: </th <th>Physical state</th> <th>:</th> <th>Liquid.</th>	Physical state	:	Liquid.
Odor threshold:Not available.Molecular weight:Not applicable.pH:Not applicable.PH:Not available.Boiling point:> 37.78°C (>100°F)Flash point:Closed cup: 42°C (107.6°F)Auto-ignition temperature:Not available.Decomposition temperature:Not available.Flammability:Not available.Lower and upper explosive:Not available.(flammable) limits:Not available.Evaporation rate:Not available.Vapor pressure:Not available.Vapor density:Not available.Solubility (lbs / gal):floarSolubility in water:Not available.Partition coefficient: n- cotano/water:Not available.Viscosity::MediaRelative density::Solubility in water:Not available.Viscosity:::>21 mm²/s (>21 cSt)Viscosity::Viscosity::Yiscosity::Yiscosity::Yiscosity::Yiscosity::Yiscosity::Yiscosity::Yiscosity::Yiscosity::Yiscosity:Yiscosity:Yiscosity:Yiscosity: <th>Color</th> <th>:</th> <th>Not available.</th>	Color	:	Not available.
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Auto-ignition temperature : Not available. Decomposition temperature : Not available. Flammability : Not available. Lower and upper explosive (flammable) limits : Not available. Evaporation rate : Not available. Vapor pressure : Not available. Vapor density : Not available. Relative density : V29 Density (lbs / gal) : 70.77 Solubility(ies) : Mot available. Solubility in water : Not available. Partition coefficient: n- octanol/water : Not applicable. Viscosity : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) Volatility : 22% (v/v), 22.43% (w/w)	Boiling point	1	>37.78°C (>100°F)
Decomposition temperature : Not available. Flammability : Not available. Lower and upper explosive : Not available. (flammable) limits : Not available. Evaporation rate : Not available. Vapor pressure : Not available. Vapor density : Not available. Relative density : If 29 Density (Ibs / gal) : If 0.77 Solubility(ies) : If 0.77 Solubility in water : Not available. Partition coefficient: n- octanol/water : Not applicable. Viscosity : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) Volatility : If 2% (v/v), 22.43% (w/w)	Flash point	1	Closed cup: 42°C (107.6°F)
Flammability : Not available. Lower and upper explosive (flammable) limits : Not available. Evaporation rate : Not available. Vapor pressure : Not available. Vapor density : Not available. Relative density : Not available. Relative density : Not available. Solubility(ies) : IO.77 Solubility in water : Not available. Partition coefficient: n- octanol/water : Not available. Viscosity : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) Volatility : IO.2.43% (w/w)	Auto-ignition temperature	1	Not available.
Lower and upper explosive (flammable) limits: Not available.Evaporation rate: Not available.Vapor pressure: Not available.Vapor density: Not available.Relative density: 129Density (lbs / gal): 10.77Solubility(ies): 10.77Solubility in water: Not available.Partition coefficient: n- octanol/water: Not available.Viscosity: Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)Volatility: 2% (v/v), 22.43% (w/w)	Decomposition temperature	1	Not available.
(flammable) limits Evaporation rate : Not available. Vapor pressure : Not available. Vapor density : Not available. Relative density : 129 Density (lbs / gal) : 10.77 Solubility(ies) : 10.77 Solubility in water : Not available. Partition coefficient: n-octanol/water : Not available. Viscosity : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) Volatility : 22% (v/v), 22.43% (w/w)	Flammability	4	Not available.
Vapor pressure: Not available.Vapor density: Not available.Relative density: 29Density (lbs / gal): 70.77Solubility(ies): MediaResultCold waterNot solubleSolubility in water: Not available.Partition coefficient: n-octanol/water: Not applicable.Viscosity: Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)Volatility: S2% (v/v), 22.43% (w/w)		1	Not available.
Vapor density : Not available. Relative density : 1.29 Density (lbs / gal) : 10.77 Solubility(ies) : 10.77 Solubility in water : Old water Partition coefficient: n-octanol/water : Not available. Viscosity : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) Volatility : 10.22.43% (w/w)	Evaporation rate	1	Not available.
Relative density : 7.29 Density (lbs / gal) : 70.77 Solubility(ies) : Media Result cold water Not soluble Solubility in water : Not available. Partition coefficient: n-octanol/water : Not applicable. Viscosity : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) Volatility : 92% (v/v), 22.43% (w/w)	Vapor pressure	1	Not available.
Density (lbs / gal) : #0.77 Solubility(ies) : Media Result cold water Not soluble Solubility in water : Not available. Partition coefficient: n-octanol/water : Not applicable. Viscosity : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) Volatility : \$2% (v/v), 22.43% (w/w)	Vapor density	:	Not available.
Solubility(ies) Media Result Cold water Not soluble Solubility in water : Not available. Partition coefficient: n- octanol/water : Not applicable. Viscosity : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) Volatility : 92% (v/v), 22.43% (w/w)	Relative density	:	1.29
Solubility(ies) : cold water Not soluble Solubility in water : Not available. Partition coefficient: n- octanol/water : Not applicable. Viscosity : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) Volatility : 32% (v/v), 22.43% (w/w)	Density(lbs / gal)	:	10.77
Cold water Not soluble Solubility in water : Not available. Partition coefficient: n- octanol/water : Not applicable. Viscosity : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) Volatility : 32% (v/v), 22.43% (w/w)			Media Result
Partition coefficient: n- octanol/water : Not applicable. Viscosity : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) Volatility : 32% (v/v), 22.43% (w/w)	Solubility(ies)	÷	cold water Not soluble
octanol/water Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) Volatility : 32% (v/v), 22.43% (w/w)	Solubility in water	:	Not available.
Volatility : 32% (v/v), 22.43% (w/w)		:	Not applicable.
	-	:	
% Solid. (w/w) : 77.57	Volatility	1	
	% Solid. (w/w)	1	77.57

SECTION 10: Stability and reactivity

		Mexico Page: 7/13
Hazardous decomposition products		pending on conditions, decomposition products may include the following materials bon oxides nitrogen oxides halogenated compounds metal oxide/oxides
Incompatible materials		ep away from the following materials to prevent strong exothermic reactions: dizing agents, strong alkalis, strong acids.
Conditions to avoid	pro	en exposed to high temperatures may produce hazardous decomposition ducts. fer to protective measures listed in sections 7 and 8.
Possibility of hazardous reactions	: Un	der normal conditions of storage and use, hazardous reactions will not occur.
Chemical stability	: The	e product is stable.
Reactivity	: No	specific test data related to reactivity available for this product or its ingredients.

Product name AMERSHIELD DUSTY GREY RAL 7037

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result			Species	Dose	Exposure
-butyl acetate	LC50 Inhal LC50 Inhal LD50 Dern LD50 Oral	ation Vap		Rat Rat Rabbit Rat	>21.1 mg/l 2000 ppm >17600 mg/kg 10.768 g/kg	4 hours 4 hours - -
2-methoxy-1-methylethyl acetate	LC50 Inhal	•	or	Rat	30 mg/l	4 hours
	LD50 Dern	nal		Rabbit	>5 g/kg	-
	LD50 Oral	ation Dura	4	Rat	6190 mg/kg	-
titanium dioxide			ts and mists	Rat	>6.82 mg/l	4 hours
	LD50 Dern LD50 Oral	าลเ		Rabbit Rat	>5000 mg/kg >5000 mg/kg	-
ethyl 3-ethoxypropionate	LD50 Drai	nal		Rabbit	>5 g/kg	-
etry 3-etroxypropionate	LD50 Dem	iai		Rat	3200 mg/kg	
bis(1,2,2,6,6-pentamethyl-	LD50 Oral			Rat	3.125 g/kg	-
4-piperidyl) sebacate					0.120 9/109	
methyl	LD50 Oral			Rat	3.125 g/kg	-
1,2,2,6,6-pentamethyl-					0.0	
4-piperidyl sebacate						
Conclusion/Summary	: There ar	e no data	available on	the mixture i	tself.	•
Irritation/Corrosion						
Conclusion/Summary						
Skin	: There ar	e no data	available on	the mixture i	tself.	
Eyes	: There ar	re no data	available on	the mixture i	tself.	
Respiratory	: There ar	e no data	available on	the mixture i	tself.	
Sensitization						
Conclusion/Summary						
Skin	: There ar	e no data	available on	the mixture i	tself.	
Respiratory	: There ar	e no data	available on	the mixture i	tself.	
<u>Mutagenicity</u>						
Conclusion/Summary	: There ar	e no data	available on	the mixture i	tself.	
Carcinogenicity						
Conclusion/Summary	: There ar	e no data	available on	the mixture i	tself.	
Classification						
Product/ingredient name	OSHA	IARC	NTP			

Wollastonite	-	3	-
titanium dioxide	-	2B	-
crystalline silica, respirable	-	1	Known to be a human carcinogen.
powder (<10 microns)	-	1	Known to be a numan carcinogen.

Carcinogen Classification code:

IARC: 1, 2A, 2B, 3, 4 NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen OSHA: + Not listed/not regulated: -

Reproductive toxicity

Conclusion/Summary

: There are no data available on the mixture itself.

Product name AMERSHIELD DUSTY GREY RAL 7037

SECTION 11: Toxicological information

Teratogenicity

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

Specific target organ toxicity (single exposure)

Name		Route of exposure	Target organs
n-butyl acetate	Category 3		Narcotic effects
2-methoxy-1-methylethyl acetate	Category 3		Narcotic effects

Specific target organ toxicity (repeated exposure)

Name		Route of exposure	Target organs
crystalline silica, respirable powder (<10 microns)	Category 1	inhalation	-

Target organs

: Contains material which causes damage to the following organs: brain. Contains material which may cause damage to the following organs: kidneys, lungs, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

Aspiration hazard

Name		Result
Sistillates (petroleum)), hydrotreated light	ASPIRATION HAZARD - Category 1
nformation on the like	ely routes of exposure	I
Potential acute health	<u>n effects</u>	
Eye contact	: No known significant effec	ts or critical hazards.
Inhalation	: No known significant effec	ts or critical hazards.
Skin contact	: Defatting to the skin. May	cause skin dryness and irritation.
Ingestion	: No known significant effec	ts or critical hazards.
Over-exposure signs	/symptoms	
Eye contact	: No specific data.	
Inhalation	: Adverse symptoms may in reduced fetal weight increase in fetal deaths skeletal malformations	nclude the following:
Skin contact	: Adverse symptoms may in irritation dryness cracking reduced fetal weight increase in fetal deaths skeletal malformations	clude the following:
Ingestion	: Adverse symptoms may in reduced fetal weight increase in fetal deaths skeletal malformations	clude the following:

Delayed and immediate effects and also chronic effects from short and long term exposure

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Conclusion/Summary	:	There are no data available on the mixture itself. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. For many products, TiO2 is utilized as a raw material in a liquid coating formulation. In this case, the TiO2 particles are bound in a matrix with no meaningful potential for human exposure to unbound particles of TiO2 when the product is applied with a brush or roller. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of exposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8). Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.
<u>Short term exposure</u>		
Potential immediate effects	:	There are no data available on the mixture itself.
Potential delayed effects	:	There are no data available on the mixture itself.
Long term exposure		
Potential immediate effects	:	There are no data available on the mixture itself.
Potential delayed effects	1	There are no data available on the mixture itself.
Potential chronic health effe	ects	
General	:	Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/ or dermatitis.
Carcinogenicity	:	May cause 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.
Numerical measures of toxi	city	

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
p-butyl acetate	10768	N/A	N/A	N/A	N/A
2-methoxy-1-methylethyl acetate	6190	N/A	N/A	30	N/A
bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	3125	N/A	N/A	N/A	N/A
methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	3125	N/A	N/A	N/A	N/A

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SECTION 12: Ecological information

<u>Toxicity</u>

Product/ingredient name	Result	Species	Exposure
-butyl acetate 2-methoxy-1-methylethyl acetate	Acute LC50 18 mg/l Acute LC50 134 mg/l Fresh water	Fish Fish - Oncorhynchus mykiss	96 hours 96 hours
titanium dioxide ethyl 3-ethoxypropionate	Acute LC50 >100 mg/l Fresh water Acute LC50 60.9 mg/l	Daphnia - <i>Daphnia magna</i> Fish	48 hours 96 hours

Persistence and degradability

Product/ingredient name	Test	Result		Dose	Inoculum
-butyl acetate	TEPA and OECD 301D	83 % - Readily - 28	days	-	-
2-methoxy-1-methylethyl acetate	-	83 % - Readily - 28	days	-	-
Product/ingredient name	Aquatic half-life)	Photolys	is	Biodegradability
p-butyl acetate 2-methoxy-1-methylethyl	-		-		Readily Readily
acetate Distillates (petroleum), hydrotreated light	-		-		Readily
ethyl 3-ethoxypropionate	-		-		Readily

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
 butyl acetate 2-methoxy-1-methylethyl acetate 	2.3 1.2	-	Low Low
Distillates (petroleum), hydrotreated light	-	159	Low
ethyl 3-ethoxypropionate	1.47	-	Low

Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

Other adverse effects

: No known significant effects or critical hazards.

SECTION 13: Disposal considerations

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 non- recyclable 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. 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
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Mexico Page: 11/13

Product name AMERSHIELD DUSTY GREY RAL 7037

SECTION 13: Disposal considerations

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.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

SECTION 14: Transport information

	Mexico Classification	IMDG	ΙΑΤΑ
UN number	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT
Transport hazard class(es)	3	3	3
Packing group	III	III	III
Environmental hazards	No.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.
Product RQ (lbs)	Not applicable.	Not applicable.	Not applicable.
RQ substances	Not applicable.	Not applicable.	Not applicable.

Additional information

Mexico	: None identified.
IMDG	: None identified.
ΙΑΤΑ	: None identified.

Special precautions for user : 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

<u>Mexico</u>				
Classification				
Flammability : 2	Health	: 2	Reactivity : 0	
International regulations Montreal Protocol Not listed.				

Product name AMERSHIELD DUSTY GREY RAL 7037

SECTION 15: Regulatory information

Stockholm Convention on Persistent Organic Pollutants Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

SECTION 16: Other information

Hazardous Material Information System (U.S.A.)

Health : 2 * Flammability : 2 Physical hazards : 0 (*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Date of previous issue Organization that prepared the SDS		8/9/2023 EHS
Key to abbreviations	:	ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SGG = Segregation Group UN = United Nations

Indicates information that has changed from previously issued version.

Notice to reader

The information, which is based on the current knowledge of the chemical substance or mixture and applies to appropriate safety precautions for the product, is deemed correct but is not exhaustive and will be used only as a guide.

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.