

SAFETY DATA SHEET



Date of issue/Date of revision 11 February 2026

Version 1.01

Section 1. Identification

Product code : 000010024489

Product name : PPG VIKOTE 56 (TINTED)

Other means of identification

00445941; 00445942

Product type : Liquid.

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

Product use : Coating.
Professional applications, Used by spraying.

Supplier's details : PPG Coatings (Singapore) Pte Ltd.
1 Cleantech Loop, CleanTech One, #04-04
Singapore 637141
Tel : +65 6865 3737

Emergency telephone number (with hours of operation) : CHEMTREC +(65)-31581349 (CCN 17704)

Section 2. Hazards identification

Classification of the substance or mixture

: FLAMMABLE LIQUIDS - Category 3
ACUTE TOXICITY (inhalation) - Category 4
SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
CARCINOGENICITY - Category 1B
REPRODUCTIVE TOXICITY - Effects on or via lactation
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3
SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1

GHS label elements, including precautionary statements

Hazard pictograms



Signal word

: Danger

Section 2. Hazards identification

Hazard statements	<ul style="list-style-type: none"> : Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. May cause cancer. May cause harm to breast-fed children. Very toxic to aquatic life with long lasting effects.
Precautionary statements	
Prevention	<ul style="list-style-type: none"> : Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment. Avoid breathing vapour. Avoid contact during pregnancy and while nursing. Wash thoroughly after handling.
Response	<ul style="list-style-type: none"> : Collect spillage. IF exposed or concerned: Get medical advice or attention. IF INHALED: Call a POISON CENTER or doctor if you feel unwell. IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Storage	<ul style="list-style-type: none"> : Store in a well-ventilated place. Keep container tightly closed.
Disposal	<ul style="list-style-type: none"> : Not applicable.
Other hazards which do not result in classification	<ul style="list-style-type: none"> : Prolonged or repeated contact may dry skin and cause irritation.

Section 3. Composition/information on ingredients

Substance/mixture	: Mixture																																								
CAS number/other identifiers																																									
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EC number	: Mixture.																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Ingredient name</th> <th style="text-align: center;">%</th> <th style="text-align: left;">CAS number</th> </tr> </thead> <tbody> <tr> <td>xylene</td> <td style="text-align: center;">10 - <20</td> <td style="text-align: left;">1330-20-7</td> </tr> <tr> <td>Solvent naphtha (petroleum), light aromatic</td> <td style="text-align: center;">10 - <20</td> <td style="text-align: left;">64742-95-6</td> </tr> <tr> <td>1,2,4-trimethylbenzene</td> <td style="text-align: center;">5 - <10</td> <td style="text-align: left;">95-63-6</td> </tr> <tr> <td>alkanes, C14-17, chloro</td> <td style="text-align: center;">3 - <5</td> <td style="text-align: left;">85535-85-9</td> </tr> <tr> <td>ethylbenzene</td> <td style="text-align: center;">3 - <5</td> <td style="text-align: left;">100-41-4</td> </tr> <tr> <td>2-methoxy-1-methylethyl acetate</td> <td style="text-align: center;">1 - <3</td> <td style="text-align: left;">108-65-6</td> </tr> <tr> <td>mesitylene</td> <td style="text-align: center;">1 - <3</td> <td style="text-align: left;">108-67-8</td> </tr> <tr> <td>propylbenzene</td> <td style="text-align: center;">1 - <3</td> <td style="text-align: left;">103-65-1</td> </tr> <tr> <td>1,2,3-trimethylbenzene</td> <td style="text-align: center;">1 - <3</td> <td style="text-align: left;">526-73-8</td> </tr> <tr> <td>cumene</td> <td style="text-align: center;">0.3 - <1</td> <td style="text-align: left;">98-82-8</td> </tr> <tr> <td>methyl methacrylate</td> <td style="text-align: center;">0.1 - <0.3</td> <td style="text-align: left;">80-62-6</td> </tr> <tr> <td>n-butyl methacrylate</td> <td style="text-align: center;">0.1 - <0.3</td> <td style="text-align: left;">97-88-1</td> </tr> </tbody> </table>			Ingredient name	%	CAS number	xylene	10 - <20	1330-20-7	Solvent naphtha (petroleum), light aromatic	10 - <20	64742-95-6	1,2,4-trimethylbenzene	5 - <10	95-63-6	alkanes, C14-17, chloro	3 - <5	85535-85-9	ethylbenzene	3 - <5	100-41-4	2-methoxy-1-methylethyl acetate	1 - <3	108-65-6	mesitylene	1 - <3	108-67-8	propylbenzene	1 - <3	103-65-1	1,2,3-trimethylbenzene	1 - <3	526-73-8	cumene	0.3 - <1	98-82-8	methyl methacrylate	0.1 - <0.3	80-62-6	n-butyl methacrylate	0.1 - <0.3	97-88-1
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Section 3. Composition/information on ingredients

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.

SUB codes represent substances without registered CAS Numbers.

Section 4. First aid measures

Description of necessary first aid measures

Eye 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 recognised skin cleanser. Do NOT use solvents or thinners.
Ingestion	: If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	: Causes serious eye irritation.
Inhalation	: Harmful if inhaled. May cause respiratory irritation.
Skin contact	: Causes skin irritation. Defatting to the skin.
Ingestion	: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing reduced foetal weight increase in foetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking reduced foetal weight increase in foetal deaths skeletal malformations

Section 4. First aid measures

Ingestion : Adverse symptoms may include the following:
reduced foetal weight
increase in foetal deaths
skeletal malformations

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

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : 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. Firefighting measures

Extinguishing media

Suitable extinguishing media : Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable extinguishing media : Do not use water jet.

Specific hazards arising from the chemical

: Flammable liquid and vapour. 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
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.

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

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : 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 spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialised 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".

Environmental precautions : Avoid dispersal of spilt 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.

Methods and material for containment 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 contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the 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 spilt 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 contact during pregnancy or while nursing. 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 vapour or mist. 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.

Section 7. Handling and storage

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

: 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 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 oxidising 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

 xylene

1,2,4-trimethylbenzene

Workplace Safety and Health Act (Singapore, 1/2025) [Xylene]

PEL (long term) 8 hours: 100 ppm.
 PEL (long term) 8 hours: 434 mg/m³.
 PEL (short term) 15 minutes: 651 mg/m³.
 PEL (short term) 15 minutes: 150 ppm.

ethylbenzene

Workplace Safety and Health Act (Singapore, 1/2025) [Trimethyl benzene]

PEL (long term) 8 hours: 25 ppm.
 PEL (long term) 8 hours: 123 mg/m³.

mesitylene

Workplace Safety and Health Act (Singapore, 1/2025)

PEL (long term) 8 hours: 100 ppm.
 PEL (long term) 8 hours: 434 mg/m³.
 PEL (short term) 15 minutes: 543 mg/m³.
 PEL (short term) 15 minutes: 125 ppm.

1,2,3-trimethylbenzene

Workplace Safety and Health Act (Singapore, 1/2025) [Trimethyl benzene]

PEL (long term) 8 hours: 25 ppm.
 PEL (long term) 8 hours: 123 mg/m³.

cumene

Workplace Safety and Health Act (Singapore, 1/2025) [Trimethyl benzene]

PEL (long term) 8 hours: 25 ppm.
 PEL (long term) 8 hours: 123 mg/m³.

methyl methacrylate

Workplace Safety and Health Act (Singapore, 1/2025)

PEL (long term) 8 hours: 50 ppm.
 PEL (long term) 8 hours: 246 mg/m³.

Section 8. Exposure controls/personal protection

PEL (long term) 8 hours: 100 ppm.
PEL (long term) 8 hours: 410 mg/m³.

Recommended monitoring procedures : 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, vapour 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.

Individual protection measures

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. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Chemical splash goggles.

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: polyvinyl alcohol (PVA), Viton®, butyl rubber
May be used: nitrile rubber, Chloroprene

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.

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.

Section 8. Exposure controls/personal protection

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 is necessary.
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Section 9. Physical and chemical properties

Appearance

Physical state : Liquid.

Odour : Characteristic.

pH : insoluble in water.

Boiling point : >37.78°C (>100°F)

Flash point : Closed cup: 35°C (95°F)

Evaporation rate : Not available.

Flammability (solid, gas) : liquid

Vapour pressure : Not available.

Relative density : 1.03

Solubility(ies) :

Media	Result
cold water	Not soluble

Auto-ignition temperature : Not available.

Viscosity : Dynamic (room temperature): Not available.
Kinematic (room temperature): Not available.
Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : When exposed to high temperatures may produce hazardous decomposition products.

Incompatible materials : Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.

Hazardous decomposition products : Depending on conditions, decomposition products may include the following materials: carbon oxides metal oxide/oxides

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
xylene	LD50 Dermal LD50 Oral	Rabbit Rat	1.7 g/kg 4.3 g/kg	-
Solvent naphtha (petroleum), light aromatic	LD50 Dermal	Rabbit	3.48 g/kg	-
1,2,4-trimethylbenzene	LD50 Oral LC50 Inhalation Vapour	Rat	8400 mg/kg 18000 mg/m ³	4 hours
alkanes, C14-17, chloro	LD50 Oral	Rat	5 g/kg	-
ethylbenzene	LC50 Inhalation Vapour LD50 Oral	Rat Rat	>48.17 g/m ³ >5 g/kg	1 hours
2-methoxy-1-methylethyl acetate	LC50 Inhalation Vapour LD50 Dermal LD50 Oral LC50 Inhalation Vapour	Rat Rabbit Rat Rat	17.8 mg/l 17.8 g/kg 3.5 g/kg 30 mg/l	4 hours
mesitylene	LD50 Dermal LD50 Oral LC50 Inhalation Vapour	Rabbit Rat Rat	>5 g/kg 6190 mg/kg 24000 mg/m ³	-
propylbenzene	LD50 Oral	Rat	5000 mg/kg	-
1,2,3-trimethylbenzene	LD50 Oral	Rat	6040 mg/kg	-
cumene	LD50 Oral LC50 Inhalation Vapour	Rat Rabbit	11.4 g/kg 39000 mg/m ³	-
methyl methacrylate	LD50 Dermal LD50 Oral LC50 Inhalation Vapour	Rabbit Rat Rat	12.3 g/kg 2260 mg/kg 78000 mg/m ³	4 hours
n-butyl methacrylate	LD50 Oral LC50 Inhalation Gas. LC50 Inhalation Vapour	Rat Rat	>5 g/kg 7872 mg/kg 4910 ppm	-
	LD50 Dermal	Rabbit	29000 mg/m ³	4 hours
	LD50 Oral	Rat	10.2 g/kg	-
			16 g/kg	4 hours

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

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
xylene	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-

Conclusion/Summary

Skin : There are no data available on the mixture itself.

Eyes : There are no data available on the mixture itself.

Respiratory : There are no data available on the mixture itself.

Sensitisation

Conclusion/Summary

Skin : There are no data available on the mixture itself.

Respiratory : There are no data available on the mixture itself.

Section 11. Toxicological information

Mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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	Category	Route of exposure	Target organs
xylene	Category 3	-	Respiratory tract irritation
Solvent naphtha (petroleum), light aromatic	Category 3	-	Narcotic effects
1,2,4-trimethylbenzene	Category 3	-	Respiratory tract irritation
2-methoxy-1-methylethyl acetate	Category 3	-	Narcotic effects
mesitylene	Category 3	-	Respiratory tract irritation
propylbenzene	Category 3	-	Respiratory tract irritation
cumene	Category 3	-	Respiratory tract irritation
methyl methacrylate	Category 3	-	Respiratory tract irritation
n-butyl methacrylate	Category 3	-	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
ethylbenzene	Category 2	-	hearing organs
cumene	Category 2	-	-
n-butyl methacrylate	Category 2	-	-

Aspiration hazard

Name	Result
xylene	ASPIRATION HAZARD - Category 1
Solvent naphtha (petroleum), light aromatic	ASPIRATION HAZARD - Category 1
ethylbenzene	ASPIRATION HAZARD - Category 1
propylbenzene	ASPIRATION HAZARD - Category 1
cumene	ASPIRATION HAZARD - Category 1

Information on likely routes of exposure : Not available.

Potential acute health effects

Section 11. Toxicological information

Eye contact	: Causes serious eye irritation.
Inhalation	: Harmful if inhaled. May cause respiratory irritation.
Skin contact	: Causes skin irritation. Defatting to the skin.
Ingestion	: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing reduced foetal weight increase in foetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking reduced foetal weight increase in foetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.

Long term exposure

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.

Potential chronic health effects

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	: May cause harm to breast-fed children.

Section 11. Toxicological information

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Dermal	5461.96 mg/kg
Inhalation (vapours)	23.57 mg/l
Inhalation (dusts and mists)	2.68 mg/l

Other 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 vapour/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.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Solvent naphtha (petroleum), light aromatic ethylbenzene 2-methoxy-1-methylethyl acetate	Acute LC50 8.2 mg/l Acute EC50 1.8 mg/l Fresh water Chronic NOEC 1 mg/l Fresh water Acute LC50 134 mg/l Fresh water	Fish Daphnia Daphnia - <i>Ceriodaphnia dubia</i> Fish - <i>Oncorhynchus mykiss</i>	96 hours 48 hours - 96 hours

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

Persistence/degradability

Product/ingredient name	Test	Result	Dose	Inoculum
ethylbenzene 2-methoxy-1-methylethyl acetate	- -	79 % - Readily - 10 days 83 % - Readily - 28 days	- -	- -

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

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
xylene ethylbenzene 2-methoxy-1-methylethyl acetate	- - -	- - -	Readily Readily Readily

Bioaccumulative potential

Section 12. Ecological information

Product/ingredient name	LogP _{ow}	BCF	Potential
xylene	3.12	7.4 to 18.5	Low
1,2,4-trimethylbenzene	3.63	120.23	Low
alkanes, C14-17, chloro	4.7 to 8.3	-	High
ethylbenzene	3.6	79.43	Low
2-methoxy-1-methylethyl acetate	1.2	-	Low
mesitylene	3.42	186.21	Low
propylbenzene	3.69	-	Low
1,2,3-trimethylbenzene	3.66	194.98	Low
cumene	3.55	35.48	Low
methyl methacrylate	1.38	-	Low
n-butyl methacrylate	2.99	-	Low

Mobility in soil

Soil/water partition coefficient : 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 minimised 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. Vapour 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 spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	UN	IMDG	IATA
UN number	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT
Transport hazard class(es)	3	3	3
Packing group	III	III	III

Section 14. Transport information

Environmental hazards	Yes. The environmentally hazardous substance mark is not required.	Yes.	Yes. The environmentally hazardous substance mark is not required.
Marine pollutant substances	Not applicable.	(Solvent naphtha (petroleum), light aromatic)	Not applicable.

Additional information

UN : None identified.

IMDG : The marine pollutant mark is not required when transported in sizes of ≤ 5 L or ≤ 5 kg.

IATA : The environmentally hazardous substance mark may appear if required by other transportation regulations.

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 to IMO instruments : Not applicable.

Section 15. Regulatory information

Singapore - hazardous chemicals under government control

None.

International regulations

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Section 16. Other information

History

Date of issue/Date of revision : 11 February 2026

Date of previous issue : 5/4/2025

Version : 1.01

Prepared by : 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 = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient

Section 16. Other information

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

► Indicates information that has changed from previously issued version.

Notice to reader

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