

## SAFETY DATA SHEET

XS420 GLOSS BASE PURE WHITE 000

### Section 1. Identification

**GHS product identifier** : XS420 GLOSS BASE PURE WHITE 000  
**SDS code** : 16930000B

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

Identified uses
Paint. Professional use Industrial use
Uses advised against
All other uses

**Product use** : High solid coating for exterior use.

#### Supplier's details

MAPAERO SAS  
 10, Avenue de la Rijole CS30098  
 09103 PAMIERS Cedex  
 France

**e-mail address of person responsible for this SDS** : PSRA\_PAMIERS@akzonobel.com

**Emergency telephone number (with hours of operation)** : +33 (0)5 34 01 34 01  
 +33 (0)5 61 60 23 30

### 2. Hazards identification

**GHS Classification** : FLAMMABLE LIQUIDS - Category 3

#### GHS label elements

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : Flammable liquid and vapor.

#### Precautionary statements

**General** : Not applicable.

**Prevention** : Keep away from heat, sparks and hot surfaces. No smoking. Use explosion-proof electrical, ventilating or lighting equipment. Use non-sparking tools. Take action to prevent static discharges.

**Response** : Not applicable.

**Storage** : Store in a well-ventilated place. Keep cool.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

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1/12

## 2. Hazards identification

## 3. Composition/information on ingredients

Substance/mixture : Mixture

Ingredient name	%	CAS number	Official Gazette notice reference number	
			CSCCL	ISHL
Titanium dioxide	≥25 - ≤50	13463-67-7	1-558; 5-5225	2-(3)-509
n-butyl acetate	≤10	123-86-4	2-731	2-(6)-226
Reaction mass of ethylbenzene and xylene	8.6	-	Not available.	Not available.
Barite (Ba(SO <sub>4</sub> ))	≤10	13462-86-7	1-89	Not available.
ethylbenzene	1.6	100-41-4	3-28; 3-60	(3)-28; (3)-60
cyclohexanone	≤0.30	108-94-1	Not available.	Not available.
2,3-epoxypropyl neodecanoate	≤0.30	26761-45-5	2-637	Not available.
propylidynetrimethanol	≤0.30	77-99-6	2-245	(2)-245
Hexanoic acid, 2-ethyl-, zinc salt, basic	≤0.30	85203-81-2	2-615	Not available.

## 4. First aid measures

- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. 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.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
- 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.

## 5. Fire-fighting measures

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, 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.
- 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.

## 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 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.
- For emergency responders** : 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".

- 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).

### Methods and materials 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 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.

## 7. Handling and storage

### Handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. 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.

**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** : 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. 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.

## 8. Exposure controls/personal protection

**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.

### Occupational exposure limits

Ingredient name	Exposure limits
n-butyl acetate	<b>Japan Society for Occupational Health (Japan, 5/2019).</b> OEL-M: 475 mg/m <sup>3</sup> 8 hours. OEL-M: 100 ppm 8 hours. <b>ISHL (Japan, 10/2019).</b> TWA: 150 ppm 8 hours.
Reaction mass of ethylbenzene and xylene	<b>ISHL (Japan, 10/2019).</b> TWA: 50 ppm 8 hours. <b>Japan Society for Occupational Health (Japan, 5/2019).</b> OEL-M: 50 ppm 8 hours. OEL-M: 217 mg/m <sup>3</sup> 8 hours.
ethylbenzene	<b>Japan Society for Occupational Health (Japan, 5/2019).</b> OEL-M: 217 mg/m <sup>3</sup> 8 hours. OEL-M: 50 ppm 8 hours. <b>ISHL (Japan, 10/2019).</b> TWA: 20 ppm 8 hours.
cyclohexanone	<b>Japan Society for Occupational Health (Japan, 5/2019).</b> OEL-M: 100 mg/m <sup>3</sup> 8 hours. OEL-M: 25 ppm 8 hours. <b>ISHL (Japan, 10/2019).</b> TWA: 20 ppm 8 hours.

## 8. Exposure controls/personal protection

### Individual protection measures

- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
- 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.
- Eye protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin 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. 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.

## 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid.
- Color** : White.
- Odor** : Characteristic.
- pH** : Not available.
- Melting point/freezing point** : Not available.
- Boiling point, initial boiling point, and boiling range** : Not available.
- Flash point** : Closed cup: 33°C
- Upper/lower flammability or explosive limits** : Greatest known range: Lower: 1.4% Upper: 7.6% (n-butyl acetate)
- Vapor pressure** : Not available.
- Vapor density** : Highest known value: 4.6 (Air = 1) (2-methoxy-1-methylethyl acetate).  
Weighted average: 4.08 (Air = 1)
- Density** : 1.435 g/cm<sup>3</sup>
- Solubility(ies)** : Insoluble in the following materials: cold water.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Kinematic (room temperature): 2.54 cm<sup>2</sup>/s  
Kinematic (40°C): 1.01 cm<sup>2</sup>/s

## 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
<b>Incompatible materials</b>	: Reactive or incompatible with the following materials: oxidizing materials
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological information

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure	
n-butyl acetate	LC50 Inhalation Gas.	Rat	390 ppm	4 hours	
	LC50 Inhalation Vapor	Mouse	6 g/m <sup>3</sup>	2 hours	
	LD50 Dermal	Rabbit	>17600 mg/kg	-	
	LD50 Intraperitoneal	Mouse	1230 mg/kg	-	
	LD50 Oral	Guinea pig	4700 mg/kg	-	
	LD50 Oral	Mouse	6 g/kg	-	
	LD50 Oral	Rabbit	3200 mg/kg	-	
	LD50 Oral	Rat	10768 mg/kg	-	
	LC50 Inhalation Gas.	Rat	5000 ppm	4 hours	
	Reaction mass of ethylbenzene and xylene ethylbenzene	LC50 Inhalation Gas.	Rabbit	4000 ppm	4 hours
LC50 Inhalation Vapor		Mouse	35500 mg/m <sup>3</sup>	2 hours	
LC50 Inhalation Vapor		Rat	55000 mg/m <sup>3</sup>	2 hours	
LD50 Dermal		Rabbit	>5000 mg/kg	-	
LD50 Dermal		Rabbit	17800 uL/kg	-	
LD50 Intraperitoneal		Mouse	2624 uL/kg	-	
LD50 Oral		Rat	3500 mg/kg	-	
LD50 Oral		Rat	3500 mg/kg	-	
cyclohexanone		LC50 Inhalation Gas.	Rat	8000 ppm	4 hours
		LD50 Dermal	Rabbit	1 mL/kg	-
	LD50 Intraperitoneal	Guinea pig	930 mg/kg	-	
	LD50 Intraperitoneal	Mouse	1230 mg/kg	-	
	LD50 Intraperitoneal	Mouse	1230 mg/kg	-	
	LD50 Intraperitoneal	Rabbit	1540 mg/kg	-	
	LD50 Intraperitoneal	Rabbit	1540 mg/kg	-	
	LD50 Intraperitoneal	Rat	1130 mg/kg	-	
	LD50 Intraperitoneal	Rat	1130 mg/kg	-	
	LD50 Oral	Mouse	1400 mg/kg	-	
2,3-epoxypropyl neodecanoate	LD50 Oral	Rat	1800 mg/kg	-	
	LD50 Oral	Rat	1620 uL/kg	-	
	LD50 Subcutaneous	Rat	2170 mg/kg	-	
	LD50 Oral	Rat	>10 g/kg	-	
	propylidynetrimethanol	LD50 Oral	Mouse	13700 mg/kg	-
		LD50 Oral	Mouse	14000 mg/kg	-
		LD50 Oral	Rat	14100 mg/kg	-
		LD50 Oral	Rat	14000 mg/kg	-

# 11. Toxicological information

## 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)
3/16930000B-WHI_SBTC_XS420G-BAC0000	N/A	15871.4	N/A	128.6	N/A
Reaction mass of ethylbenzene and xylene	N/A	1100	5000	N/A	N/A
ethylbenzene	N/A	N/A	N/A	11	N/A
cyclohexanone	N/A	N/A	N/A	11	N/A

## Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
n-butyl acetate	Eyes - Moderate irritant	Rabbit	-	100 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
Reaction mass of ethylbenzene and xylene	Eyes - Mild irritant	Rabbit	-	87 mg	-
	Eyes - Severe irritant	Rabbit	-	24 hours 5 mg	-
	Skin - Mild irritant	Rat	-	8 hours 60 UI	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
ethylbenzene	Skin - Moderate irritant	Rabbit	-	100 %	-
	Eyes - Severe irritant	Rabbit	-	500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 15 mg	-
cyclohexanone	Eyes - Severe irritant	Rabbit	-	24 hours 250 ug	-
	Eyes - Severe irritant	Rabbit	-	20 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
2,3-epoxypropyl neodecanoate	Skin - Moderate irritant	Rabbit	-	0.5 MI	-

## Respiratory sensitization/Skin sensitization

Not available.

## Germ Cell Mutagenicity

Not available.

## Carcinogenicity

Not available.

## Reproductive toxicity

Not available.

## Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
n-butyl acetate	Category 3	-	Narcotic effects
Reaction mass of ethylbenzene and xylene	Category 3	-	Respiratory tract irritation

## Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Reaction mass of ethylbenzene and xylene	Category 2	-	-
ethylbenzene	Category 2	-	hearing organs

## Aspiration hazard

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7/12

## 11. Toxicological information

Name	Result
Reaction mass of ethylbenzene and xylene ethylbenzene	ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1

## 12. Ecological information

### Ecotoxicity

Product/ingredient name	Result	Species	Exposure	
Titanium dioxide	Acute EC50 19.3 mg/l Fresh water	Daphnia - Daphnia magna	48 hours	
	Acute EC50 27.8 mg/l Fresh water	Daphnia - Daphnia magna	48 hours	
	Acute EC50 35.306 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours	
	Acute LC50 3 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours	
	Acute LC50 13.4 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours	
	Acute LC50 11 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours	
	Acute LC50 3.6 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours	
	Acute LC50 15.9 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours	
	Acute LC50 6.5 mg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours	
	Acute LC50 13 mg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours	
n-butyl acetate	Acute LC50 >1000 mg/l Fresh water	Fish - Pimephales promelas	96 hours	
	Acute LC50 >1000000 µg/l Marine water	Fish - Fundulus heteroclitus	96 hours	
	Acute LC50 32 mg/l Marine water	Crustaceans - Artemia salina	48 hours	
	Acute LC50 100000 µg/l Fresh water	Fish - Lepomis macrochirus	96 hours	
	Acute LC50 18000 µg/l Fresh water	Fish - Pimephales promelas	96 hours	
	Acute LC50 185000 µg/l Marine water	Fish - Menidia beryllina	96 hours	
	Acute LC50 62000 µg/l Fresh water	Fish - Danio rerio	96 hours	
	Acute LC50 13400 µg/l Fresh water	Fish - Pimephales promelas	96 hours	
	Reaction mass of ethylbenzene and xylene Barite (Ba(SO4)) ethylbenzene	Acute LC50 76000000 µg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
		Acute EC50 4900 µg/l Marine water	Algae - Skeletonema costatum	72 hours
Acute EC50 7700 µg/l Marine water		Algae - Skeletonema costatum	96 hours	
Acute EC50 4600 µg/l Fresh water		Algae - Pseudokirchneriella subcapitata	72 hours	
Acute EC50 5400 µg/l Fresh water		Algae - Pseudokirchneriella subcapitata	72 hours	
Acute EC50 3600 µg/l Fresh water		Algae - Pseudokirchneriella subcapitata	96 hours	
Acute EC50 6.53 mg/l Marine water		Crustaceans - Artemia sp. - Nauplii	48 hours	
Acute EC50 13.3 mg/l Marine water		Crustaceans - Artemia sp. - Nauplii	48 hours	
Acute EC50 2.97 mg/l Fresh water		Daphnia - Daphnia magna - Neonate	48 hours	
Acute EC50 2.93 mg/l Fresh water		Daphnia - Daphnia magna - Neonate	48 hours	
	Acute LC50 8.78 mg/l Marine water	Crustaceans - Artemia sp. - Nauplii	48 hours	
	Acute LC50 13.3 mg/l Marine water	Crustaceans - Artemia sp. - Nauplii	48 hours	
	Acute LC50 40000 µg/l Marine water	Crustaceans - Cancer magister - Zoea	48 hours	

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Version : 1.02

Date of previous issue : 6-10-2022

8/12



## 12. Ecological information

cyclohexanone	Acute LC50 18.4 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 13.9 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 75000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 5100 µg/l Marine water	Fish - Menidia menidia	96 hours
	Acute LC50 9090 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute LC50 9100 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute LC50 4200 µg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
propylidynetrimethanol	Acute LC50 4.3 ul/L Marine water	Fish - Morone saxatilis - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
	Acute EC50 32.9 mg/l Fresh water	Algae - Chlamydomonas reinhardtii - Exponential growth phase	72 hours
	Acute LC50 630000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute LC50 527000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute LC50 732000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute EC50 13000000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 14400000 µg/l Marine water	Fish - Cyprinodon variegatus	96 hours

### Persistence/degradability

Not available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
n-butyl acetate	2.3	-	low
Reaction mass of ethylbenzene and xylene	3.12	8.1 to 25.9	low
ethylbenzene	3.6	-	low
cyclohexanone	0.86	-	low
2,3-epoxypropyl neodecanoate	4.4	-	high
propylidynetrimethanol	-0.47	<1	low
Hexanoic acid, 2-ethyl-, zinc salt, basic	-	60960	high

**Mobility in soil** : Not available.

**Hazardous to the ozone layer** : Not applicable.

**Other adverse effects** : No known significant effects or critical hazards.

## 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 may create a highly flammable or explosive atmosphere inside the container. Do

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9/12

**AkzoNobel**

## 13. Disposal considerations

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.

## 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
Environmental hazards	No.	No.	No.

### Additional information

IMDG : **Emergency schedules** F-E, \_S-E\_

**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 available.

## 15. Regulatory information

### Fire Service Law

Category	Substance name/Type	Danger category	Signal word	Designated quantity
Category IV	Class II petroleums	III	Flammable - Keep Fire Away	1000 L

### ISHL

#### Use of specified chemical substances

Ingredient name	%	Status	Reference number
Ethyl benzene	≤3.0	Group-2 Substances under Supervision	3-3

#### Substances requiring labelling

Ingredient name	%	Status	Reference number
Titanium dioxide	≥25 - ≤50	Listed	191
Reaction mass of ethylbenzene and xylene	≤10	Listed	136
n-butyl acetate	≤10	Listed	181

#### Chemicals requiring notification

## 15. Regulatory information

Ingredient name	%	Status	Reference number
Titanium dioxide	≥25 - ≤50	Listed	191
Reaction mass of ethylbenzene and xylene	≤10	Listed	136
n-butyl acetate	≤10	Listed	181
cyclohexanone	≤0.30	Listed	231

### Guideline for Preventing Health Hazard by chemical substances (Carcinogenicity)

Ingredient name	%	Status	Reference number
ethylbenzene	≤3.0	Listed	-

**ISHL Appendix 1** : Flammable liquid Class 4

**Organic solvents poisoning prevention** : Class 2

### Chemical Substances Control Law (CSCL)

Ingredient name	%	Status	Reference number
Reaction mass of ethylbenzene and xylene	≤10	Priority assessment	125
2,6-di-tert-butyl-p-cresol	<0.10	Priority assessment	64
cumene	≤0.10	Priority assessment	126
cyclohexanone	≤0.30	Priority assessment	131

### Poisonous and Deleterious Substances

Ingredient name	%	Status	Reference number
Barite (Ba(SO <sub>4</sub> ))	≤10	Deleterious	79

### Pollutant Release and Transfer Registers (PRTR)

Ingredient name	%	Status	Reference number
Reaction mass of ethylbenzene and xylene	8.6	Class 1	80

**JSOH Carcinogen** : Group 2B

## 16. Other information

### History

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## 16. Other information

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  
 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

### Procedure used to derive the classification

Classification	Justification
FLAMMABLE LIQUIDS - Category 3	On basis of test data

✔ Indicates information that has changed from previously issued version.

### Notice to reader

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