



CHESTNUT
P R O D U C T S

SAFETY DATA SHEET
Melamine Lacquer

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

1.1. Product identifier

Product name Melamine Lacquer

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

Identified uses Air drying paint/lacquer product for interior use.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier Chestnut Products
PO BOX 260,
Stowmarket,
IP14 9BX
+44 (0) 1473 890118
+44 (0) 1473 206522
mailroom@chestnutproducts.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0)1473 425878 (09:00-17:00 Mon- Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Flam. Liq. 2 - H225

Health hazards Acute Tox. 4 - H302 Eye Dam. 1 - H318 STOT SE 2 - H371 STOT SE 3 - H336

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) F; R11. Xn; R22, R68/20/21/22. Xi; R41. R66, R67

2.2. Label elements

Pictogram



Signal word

Danger

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Hazard statements	H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H318 Causes serious eye damage. H336 May cause drowsiness or dizziness. H371 May cause damage to organs .
Precautionary statements	P102 Keep out of reach of children. P201 Obtain special instructions before use. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260 Do not breathe vapour/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/container in accordance with national regulations.
Supplemental label information	EUH066 Repeated exposure may cause skin dryness or cracking.
Contains	n-Butyl acetate, Methanol, Propan-1-ol, Butan-1-ol
Supplementary precautionary statements	P202 Do not handle until all safety precautions have been read and understood. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing vapour/spray. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P308+P311 IF exposed or concerned: Call a POISON CENTER or doctor. P308+P313 IF exposed or concerned: Get medical advice/attention. P330 Rinse mouth. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

n-Butyl acetate	25 - <50%
CAS number: 123-86-4	EC number: 204-658-1
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226	R10, R66, R67
STOT SE 3 - H336	

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Ethanol		25 - <50%
CAS number: 64-17-5		EC number: 200-578-6
Substance with National workplace exposure limits.		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F; R11	
Acetone		5 - <10%
CAS number: 67-64-1		EC number: 200-662-2
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F; R11. Xi; R36. R66, R67	
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
Methanol		5 - <10%
CAS number: 67-56-1		EC number: 200-659-6
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F; R11. T; R23/24/25, R39/23/24/25	
Acute Tox. 3 - H301		
Acute Tox. 3 - H311		
Acute Tox. 3 - H331		
STOT SE 1 - H370		
Isobutyl acetate		5 - <10%
CAS number: 110-19-0		EC number: 203-745-1
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F; R11, R66	
Propan-1-ol		2.5 - <5%
CAS number: 71-23-8		EC number: 200-746-9
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F; R11. Xi; R41. R67	
Eye Dam. 1 - H318		
STOT SE 3 - H336		
Butan-1-ol		2.5 - <5%
CAS number: 71-36-3		EC number: 200-751-6
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 3 - H226	Xn; R22. Xi; R37/38, R41. R10, R67	
Acute Tox. 4 - H302		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
STOT SE 3 - H335, H336		

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1-Methoxy-2-propanol		0.5 - <1%
CAS number: 107-98-2		EC number: 203-539-1
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 3 - H226	R10, R67	
STOT SE 3 - H336		
Phosphoric acid		0.5 - <1%
CAS number: 7664-38-2		EC number: 231-633-2
Classification	Classification (67/548/EEC or 1999/45/EC)	
Skin Corr. 1B - H314	C; R34	
Eye Dam. 1 - H318		
Formaldehyde		<0.025%
CAS number: 50-00-0		EC number: 200-001-8
Classification	Classification (67/548/EEC or 1999/45/EC)	
Acute Tox. 3 - H301	T; R23/24/25. C; R34. Xi; R37. Carc. Cat. 2 R45. Muta. Cat. 3 R68. R43	
Acute Tox. 3 - H311		
Acute Tox. 3 - H331		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		
Skin Sens. 1 - H317		
Muta. 2 - H341		
Carc. 1B - H350		
STOT SE 3 - H335		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention. Place unconscious person on their side in the recovery position and ensure breathing can take place.
Ingestion	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Keep affected person under observation. Get medical attention.
Skin contact	Wash skin thoroughly with soap and water.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Do not rub eye. Continue to rinse for at least 15 minutes and get medical attention.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

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4.2. Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Intoxication. Narcotic effect.
Ingestion	May cause discomfort if swallowed. May cause nausea, headache, dizziness and intoxication.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up. Flammable liquid and vapour. Vapours may be ignited by a spark, a hot surface or an ember. Vapours may form explosive mixtures with air. Fire-water run-off in sewers may create fire or explosion hazard. This product is toxic.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Hydrocarbons. Carbon monoxide (CO). Carbon dioxide (CO ₂). Alcohols.

5.3. Advice for firefighters

Protective actions during firefighting	Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Evacuate area. No smoking, sparks, flames or other sources of ignition near spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Promptly remove any clothing that becomes contaminated.
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6.2. Environmental precautions

Environmental precautions	Avoid discharge into drains or watercourses or onto the ground.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Do not allow material to enter confined spaces, due to the risk of explosion. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Absorb small quantities with paper towels and evaporate in a safe place. Once evaporation is complete, place paper in a suitable waste disposal container and seal securely. Large Spillages: Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. For waste disposal, see Section 13. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep out of the reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from food, drink and animal feeding stuffs. Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Handle all packages and containers carefully to minimise spills. Do not handle broken packages without protective equipment. Keep container tightly sealed when not in use. Do not reuse empty containers.

Advice on general occupational hygiene Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store locked up. Keep away from oxidising materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep containers upright. Protect containers from damage.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

n-Butyl acetate

Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m³

Short-term exposure limit (15-minute): WEL 200 ppm 966 mg/m³

Ethanol

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

Methanol

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m³

Sk

Isobutyl acetate

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Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m³

Short-term exposure limit (15-minute): WEL 187 ppm 903 mg/m³

Propan-1-ol

Long-term exposure limit (8-hour TWA): WEL 200 ppm 500 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 625 mg/m³

Sk

Butan-1-ol

Short-term exposure limit (15-minute): WEL 50 ppm 154 mg/m³

Sk

1-Methoxy-2-propanol

Long-term exposure limit (8-hour TWA): WEL 100 ppm 375 mg/m³

Short-term exposure limit (15-minute): WEL 150 ppm 560 mg/m³

Sk

Phosphoric acid

Long-term exposure limit (8-hour TWA): WEL 1 mg/m³

Short-term exposure limit (15-minute): WEL 2 mg/m³

Formaldehyde

Long-term exposure limit (8-hour TWA): WEL 2 ppm 2.5 mg/m³

Short-term exposure limit (15-minute): WEL 2 ppm 2.5 mg/m³

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

Ethanol (CAS: 64-17-5)

DNEL

Consumer - Oral; Long term systemic effects: 87 mg/kg/day
 Consumer - Dermal; Long term systemic effects: 206 mg/kg/day
 Industry - Dermal; Long term systemic effects: 343 mg/kg/day
 Consumer - Inhalation; Short term local effects: 950 mg/m³
 Industry - Inhalation; Short term local effects: 1900 mg/m³
 Consumer - Inhalation; Long term systemic effects: 114 mg/m³
 Industry - Inhalation; Long term systemic effects: 950 mg/m³

PNEC

- Fresh water; 0.96 mg/l
 - Sediment (Freshwater); 3.6 mg/kg
 - Marine water; 0.79 mg/l
 - Soil; 0.63 mg/kg

n-Butyl acetate (CAS: 123-86-4)

DNEL

Consumer - Inhalation; Short term local effects: 859.7 mg/m³
 Consumer - Inhalation; Short term systemic effects: 859.7 mg/m³
 Industry - Inhalation; Short term local effects: 960 mg/m³
 Industry - Inhalation; Short term systemic effects: 960 mg/m³
 Consumer - Inhalation; Long term local effects: 102.34 mg/m³
 Consumer - Inhalation; Long term systemic effects: 102.34 mg/m³
 Industry - Inhalation; Long term local effects: 480 mg/m³
 Industry - Inhalation; Long term systemic effects: 480 mg/m³

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PNEC	- Fresh water; 0.18 mg/l
	- Sediment (Freshwater); 0.981 mg/kg
	- Marine water; 0.018 mg/l
	- Sediment (Marinewater); 0.981 mg/kg
	- STP; 35.6 mg/l
	- Soil; 0.0903 mg/kg

Acetone (CAS: 67-64-1)

DNEL	Workers - Inhalation; Short term local effects: 2420 mg/m ³
	Workers - Inhalation; Long term systemic effects: 1210 mg/m ³
	Workers - Dermal; Long term systemic effects: 186 mg/kg/day
	Consumer - Inhalation; Long term systemic effects: 200 mg/m ³
	Consumer - Dermal; Long term systemic effects: 62 mg/kg/day
	Consumer - Oral; Long term systemic effects: 62 mg/kg/day

PNEC	- Fresh water; 10.6 mg/l
	- Marine water; 1.06 mg/l
	- Intermittent release; 21 mg/l
	- STP; 100 mg/l
	- Sediment (Freshwater); 30.4 mg/kg
	- Sediment (Marinewater); 3.04 mg/kg
	- Soil; 29.5 mg/kg

1-Methoxy-2-propanol (CAS: 107-98-2)

DNEL	Industry - Inhalation; Short term local effects: 553.5 mg/m ³
	Industry - Dermal; Long term systemic effects: 50.6 mg/kg/day
	Industry - Inhalation; Long term systemic effects: 369 mg/m ³
	Consumer - Dermal; Long term systemic effects: 18.1 mg/kg/day
	Consumer - Inhalation; Long term systemic effects: 43.9 mg/m ³
	Consumer - Oral; Long term systemic effects: 3.3 mg/kg/day

PNEC	- Fresh water; 10 mg/l
	- Marine water; 1 mg/l
	- Sediment (Freshwater); 41.6 mg/kg
	- Soil; 2.47 mg/kg
	- Intermittent release; 100 mg/l
	- Sediment (Marinewater); 4.17 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Wear chemical splash goggles.

Hand protection

For users with sensitive skin, it is recommended that suitable protective gloves are worn. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

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Other skin and body protection	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene measures	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.
Respiratory protection	Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.
Environmental exposure controls	Keep container tightly sealed when not in use. Avoid release to the environment.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Colourless to pale yellow.
Odour	Characteristic.
Odour threshold	Not available.
pH	Not available.
Melting point	Not available.
Initial boiling point and range	92°C
Flash point	11°C
Evaporation rate	Not available.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	<110 kPa @ 25°C
Vapour density	Not available.
Relative density	>1
Solubility(ies)	Slightly soluble in water.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not applicable.
Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Volatile organic compound	This product contains a maximum VOC content of 645-655 g/l.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	See the other subsections of this section for further details.
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10.2. Chemical stability

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Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions The following materials may react strongly with the product: Oxidising agents.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Containers can burst violently or explode when heated, due to excessive pressure build-up. Static electricity and formation of sparks must be prevented.

10.5. Incompatible materials

Materials to avoid Oxidising materials. Acids - oxidising.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Acute Tox. 4 - H302 Harmful if swallowed.

ATE oral (mg/kg) 919.12

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

ATE dermal (mg/kg) 3,030.3

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

ATE inhalation (vapours mg/l) 30.3

Skin corrosion/irritation

Animal data Repeated exposure may cause skin dryness or cracking.

Serious eye damage/irritation

Serious eye damage/irritation Eye Dam. 1 - H318 Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

IARC carcinogenicity

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

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Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Based on available data the classification criteria are not met.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	STOT SE 2 - H371 May cause damage to organs . STOT SE 3 - H336 May cause drowsiness or dizziness.
Target organs	Central nervous system
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
<u>Aspiration hazard</u>	
Aspiration hazard	Based on available data the classification criteria are not met.
<u>General information</u>	
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Intoxication. Narcotic effect.
Ingestion	May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.
Route of entry	Ingestion Inhalation Skin and/or eye contact
Target organs	Central nervous system

SECTION 12: Ecological Information

Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity Based on available data the classification criteria are not met.

12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not available.

12.4. Mobility in soil

Mobility The product is partly soluble in water and may spread in the aquatic environment. Volatile liquid. The product contains organic solvents which will evaporate easily from all surfaces.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

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Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

14.1. UN number

UN No. (ADR/RID)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263
UN No. (ADN)	1263

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	PAINT
Proper shipping name (IMDG)	PAINT
Proper shipping name (ICAO)	PAINT
Proper shipping name (ADN)	PAINT

14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

Transport labels



14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II

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ADN packing group II

ICAO packing group II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

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.

EmS F-E, S-E

ADR transport category 2

Emergency Action Code •3YE

Hazard Identification Number (ADR/RID) 33

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations Health and Safety at Work etc. Act 1974 (as amended).
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
EH40/2005 Workplace exposure limits.

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Commission Regulation (EU) No 453/2010 of 20 May 2010.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Dangerous Preparations Directive 1999/45/EC.
Dangerous Substances Directive 67/548/EEC.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

SECTION 16: Other information

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Classification procedures according to Regulation (EC) 1272/2008	Acute Tox. 4 - H302: Eye Dam. 1 - H318: STOT SE 2 - H371: STOT SE 3 - H336: : Calculation method. Flam. Liq. 2 - H225: : Expert judgement.
Training advice	Read and follow manufacturer's recommendations.
Revision date	22/05/2015
Revision	6
Supersedes date	12/05/2014
SDS number	2869
Risk phrases in full	R10 Flammable. R11 Highly flammable. R22 Harmful if swallowed. R23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R34 Causes burns. R37 Irritating to respiratory system. R37/38 Irritating to respiratory system and skin. R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. R41 Risk of serious damage to eyes. R43 May cause sensitisation by skin contact. R45 May cause cancer. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness. R68 Possible risk of irreversible effects. R68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H331 Toxic if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H341 Suspected of causing genetic defects. H350 May cause cancer. H370 Causes damage to organs . H371 May cause damage to organs .

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.