

COO-VAR®

PAINTS, PRIMERS AND SPECIALISED COATINGS

SAFETY DATA SHEET

204/WB101 - ANTI-GRAFFITI CLEAR GLAZE KIT - BASE

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

1.1. Product identifier

Product name	204/WB101 - ANTI-GRAFFITI CLEAR GLAZE KIT - BASE
Product number	204/WB101/TKIT - BASE
UFI	UFI: 8QMP-P2RG-E00F-PF4C

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

Identified uses	BASE FOR TWO COMPONENT ANTI-GRAFFITI COATING
Uses advised against	NOT SUITABLE FOR FOR USE IN HOMEWORKER (DIY) APPLICATIONS

1.3. Details of the supplier of the safety data sheet

Supplier	COO-VAR Lockwood Street HULL UK HU2 0HN +441482328053 (T) +441482219266 (F) info@coo-var.co.uk	TEAL & MACKRILL EU B.V. Zandvoortstraat 69 1976 BN IJMUIDEN THE NETHERLANDS +441482328053 (T) +441482219266 (F) info@coo-var.co.uk
Contact person	Technical Department -, 08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri, as above	
Manufacturer	TEAL & MACKRILL LIMITED LOCKWOOD STREET HULL HU2 0HN +44(0)1482 320194(T) +44(0)1482 219266(F) info@teamac.co.uk	

1.4. Emergency telephone number

Emergency telephone	+44 (0) 1482 328053 Coo-Var (08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri)
SDS No.	10756

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

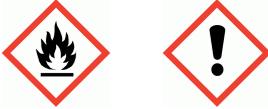
Physical hazards	Flam. Liq. 3 - H226
Health hazards	Skin Sens. 1 - H317
Environmental hazards	Aquatic Chronic 3 - H412

Human health See Section 11 for additional information on health hazards. The product contains a sensitising substance. May cause sensitisation or allergic reactions in sensitive individuals.

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2.2. Label elements

Hazard pictograms



Signal word

Warning

Hazard statements

H226 Flammable liquid and vapour.
 H317 May cause an allergic skin reaction.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P233 Keep container tightly closed.
 P262 Do not get in eyes, on skin, or on clothing.
 P235 Keep cool.
 P312 Call a POISON CENTRE/doctor if you feel unwell.
 P501 Dispose of contents/ container in accordance with national regulations.

Supplemental label information

RCH002a Restricted to professional users.

Contains

WATER THINNABLE POLYACRYLATE CONTAINING HYDROXYL GROUPS

2.3. Other hazards

Possible risk of absorption through the skin of 2-butoxyethanol This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

WATER THINNABLE POLYACRYLATE CONTAINING HYDROXYL GROUPS		30-60%
CAS number: —		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Skin Sens. 1 - H317	R43.	
2-BUTOXYETHANOL		1-5%
CAS number: 111-76-2	EC number: 203-905-0	
Classification		
Acute Tox. 4 - H302		
Acute Tox. 4 - H312		
Acute Tox. 4 - H332		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		

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SOLVENT NAPHTHA, LIGHT AROMATIC(content of benzene <0.1%)		1-5%
CAS number: 64742-95-6	EC number: 265-199-0	REACH registration number: 01-2119455851-35
Classification		Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226 STOT SE 3 - H335, H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411		Xn;R65. Xi;R37. N;R51/53. R10,R66,R67.
2-DIMETHYLAMINOETHANOL		1-5%
CAS number: 108-01-0	EC number: 203-542-8	REACH registration number: 01-2119492298-24-0000
Classification		Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335		R10 C;R34 Xn;R20/21/22
ACETONE		<1%
CAS number: 67-64-1	EC number: 200-662-2	REACH registration number: 01-2119471330-49-0000
Classification		Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336		F;R11 Xi;R36 R66 R67

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

Ingredient notes

Candidate List of Substances Of Very High Concern for Authorisation This product contains no substances of very high concern in concentrations where an information obligation applies (REACH (EC) No. 1907/2006, Article 59).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Never give anything by mouth to an unconscious person.

Inhalation

Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. Place unconscious person on their side in the recovery position and ensure breathing can take place.

Ingestion

DO NOT induce vomiting. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

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Skin contact Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

General information Get medical attention promptly if symptoms occur after washing.

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

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide, dry powder or water fog. 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 Toxic gases or vapours. FLAMMABLE. Solvent vapours may form explosive mixtures with air.

5.3. Advice for firefighters

Protective actions during firefighting Risk of re-ignition after fire has been extinguished. Cool containers exposed to flames with water until well after the fire is out. Avoid the spillage or runoff entering drains, sewers or watercourses.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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Usage precautions	Observe any occupational exposure limits for the product or ingredients. Avoid inhalation of vapours and spray/mists. Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Do not eat, drink or smoke when using the product. The Manual Handling Operations Regulations may apply to the handling of containers of this product. To assist employers, the following method of calculating the weight for any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.
7.2. Conditions for safe storage, including any incompatibilities	
Storage precautions	Store in closed original container at temperatures between 5°C and 25°C. Keep away from heat, sparks and open flame. Keep container tightly closed. Keep containers upright. Store away from the following materials: Oxidising materials. Alkalis. Acids.
Storage class	Flammable liquid storage. The storage and use of this product is subject to the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR). The requirements are given in the HSE Approved Code of Practice and Guidance, Storage of Dangerous Substances: DSEAR. Up to 250 litres of liquids with a flashpoint above 32C but below 55C may be kept in a workroom provided they are kept in closed containers in a marked, fire-resisting cupboard or bin. Larger quantities must be kept in a separate, marked storeroom conforming to the structural requirements contained in the HSE guidance note Storage of Flammable Liquids in Containers.
7.3. Specific end use(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
Usage description	Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

2-BUTOXYETHANOL

Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m³

Sk

Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m³

SOLVENT NAPHTHA, LIGHT AROMATIC(content of benzene <0.1%)

Long-term exposure limit (8-hour TWA): SUP 600 mg/m³

2-DIMETHYLAMINOETHANOL

Long-term exposure limit (8-hour TWA): WEL 2 ppm 7.4 mg/m³

Short-term exposure limit (15-minute): WEL 6 ppm 22 mg/m³

ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m³

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m³

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

2-BUTOXYETHANOL (CAS: 111-76-2)

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DNEL	Workers - Dermal; Short term systemic effects: 89 mg/kg/day
	Workers - Inhalation; Short term systemic effects: 1091 mg/m ³
	Workers - Dermal; Long term systemic effects: 125 mg/kg/day
	Workers - Inhalation; Long term systemic effects: 98 mg/m ³
	Consumer - Dermal; Short term systemic effects: 89 mg/kg/day
	Consumer - Inhalation; Short term systemic effects: 426 mg/m ³
	Consumer - Oral; Short term systemic effects: 26.7 mg/kg/day
	Consumer - Dermal; Long term systemic effects: 75 mg/kg/day
	Consumer - Oral; Long term systemic effects: 6.3 mg/kg/day
PNEC	Fresh water; 8.8 mg/l
	marine water; 0.88 mg/l
	Sediment (Freshwater); 34.6 mg/kg
	Sediment (Marinewater); 3.46 mg/kg
	Soil; 2.33 mg/kg
	STP; 463 mg/l

SOLVENT NAPHTHA, LIGHT AROMATIC(content of benzene <0.1%) (CAS: 64742-95-6)

DNEL	Industry - Dermal; Long term systemic effects: 25 mg/kg/day
	Consumer - Inhalation; Long term systemic effects: 32 mg/m ³
	Consumer - Dermal; Long term systemic effects: 11 mg/kg/day
	Industry - Inhalation; Long term systemic effects: 150 mg/m ³
	Consumer - Oral; Long term systemic effects: 11 mg/kg/day

ACETONE (CAS: 67-64-1)

DNEL	Consumer - Oral; Long term : 62 mg/kg/day
	Consumer - Dermal; Long term : 62 mg/kg/day
	Industry - Dermal; Long term : 186 mg/kg/day
	Consumer - Inhalation; Long term : 200 mg/m ³
	Industry - Inhalation; Short term : 2420 mg/m ³
PNEC	- Fresh water; 10.6 mg/l
	- marine water; 1.06 mg/l
	- Intermittent release; 21 mg/l
	- Soil; 29.5 mg/l
	- Sediment (Marinewater); 3.04 mg/kg
	- Sediment (Freshwater); 30.4 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Wear chemical splash goggles.

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Hand protection	Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin. To protect hands from chemicals, gloves should comply with European Standards EN388 and 374. Manufacturers' performance data suggest that the optimum glove for use should be: Viton rubber (fluoro rubber). Thickness: ≥ 0.4 mm Permeation breakthrough time according to EN374 - class: (1-6) e.g. minimum 480 mins. Caution: The performance of gloves under actual working conditions can be significantly affected by many factors and the information provided according to EN374 may not accord with what is achieved in practice. We recommend that expert professional advice is sought that takes into account of the work processes and working environment applicable for each task where gloves are to be worn.
Other skin and body protection	Wear appropriate clothing to prevent reasonably probable skin contact.
Hygiene measures	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
Respiratory protection	No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Creamy liquid.
Colour	Milky.
Odour	Slight.
Odour threshold	Not determined.
pH	pH (concentrated solution): Alkaline
Melting point	Not determined.
Initial boiling point and range	approx. 100°C @
Flash point	47°C Closed cup.
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Upper/lower flammability or explosive limits	: Solvent naththa 1.0% by vol., 2-butoxyethanol 1.1% by vol.
Other flammability	Not determined.
Vapour pressure	Not determined.
Vapour density	heavier than air
Relative density	approx. 1.08 g/ml @ 20°C
Solubility(ies)	Miscible with water
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	approx. 800 DIN 53019/1 mPas @ 23°C
Explosive properties	Not determined.

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Explosive under the influence of a flame Not considered to be explosive.

Oxidising properties Not determined.

9.2. Other information

Volatility 55% by weight

Volatile organic compound This product contains a maximum VOC content of 83 g/litre.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not determined.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Avoid contact with the following materials:
Acids. Oxidising agents.

10.5. Incompatible materials

Materials to avoid Strong alkalis. Strong acids. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects The material shows a sensitizing effect in conjunction with some complex hydrocarbons such as the Solvent Naphthas through skin absorption, and is considered to be an inherent property of the mixture.

Acute toxicity - dermal

ATE dermal (mg/kg) 20,811.58

Acute toxicity - inhalation

ATE inhalation (gases ppm) 51,082.96

ATE inhalation (vapours mg/l) 123.05

ATE inhalation (dusts/mists mg/l) 36.49

Inhalation Vapour from this product may be hazardous by inhalation. Vapour may irritate respiratory system/lungs.

Ingestion Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

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Skin contact	Product has a defatting effect on skin. Repeated exposure may cause skin dryness or cracking. May cause allergic contact eczema. Prolonged or repeated exposure may cause severe irritation. May cause sensitisation by skin contact.
Eye contact	May cause temporary eye irritation.
Acute and chronic health hazards	May cause sensitisation by skin contact.
Route of exposure	Inhalation Skin absorption. Ingestion. Skin and/or eye contact.
Medical considerations	Skin disorders and allergies. Avoid vomiting and stomach flushing because of the risk of aspiration.

Toxicological information on ingredients.

WATER THINNABLE POLYACRYLATE CONTAINING HYDROXYL GROUPS

Toxicological effects	Salmonella/microsome test (Ames test). No indication of mutagenic effects.
<u>Skin sensitisation</u>	
Skin sensitisation	Local Lymph Node Assay (LLNA) - Rat: Epidemiological studies have shown evidence of skin sensitisation. The material shows a sensitizing effect in conjunction with some complex hydrocarbons such as the Solvent Naphthas through skin absorption, and is considered to be an inherent property of the mixture.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Ames test: Negative. This substance has no evidence of mutagenic properties.

2-BUTOXYETHANOL

<u>Acute toxicity - oral</u>	
Acute toxicity oral (LD₅₀ mg/kg)	1,414.0
Species	Guinea pig
ATE oral (mg/kg)	1,414.0
<u>Acute toxicity - dermal</u>	
ATE dermal (mg/kg)	1,100.0
<u>Acute toxicity - inhalation</u>	
ATE inhalation (vapours mg/l)	11.0
<u>Skin corrosion/irritation</u>	
Animal data	Irritating.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Moderately irritating.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	This substance has no evidence of mutagenic properties.
<u>Reproductive toxicity</u>	

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Reproductive toxicity - fertility Fertility - NOAEL 720 mg/kg, Oral, Mouse F1 Fertility - NOAEL 720 mg/kg, Oral, Mouse F2a Fertility - NOAEL 720 mg/kg, Oral, Mouse P

Skin contact May be absorbed through the skin.

SOLVENT NAPHTHA, LIGHT AROMATIC(content of benzene <0.1%)

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 3,592.0

Species Rat

ATE oral (mg/kg) 3,592.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 3,160.0

Species Rabbit

ATE dermal (mg/kg) 3,160.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 6,193.0

Species Rat

ATE inhalation (vapours mg/l) 6,193.0

Skin corrosion/irritation

Animal data Slightly irritating.

Inhalation Irritating to respiratory system. Vapours in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting.

Ingestion Harmful: danger of serious damage to health by prolonged exposure if swallowed.

Skin contact Repeated exposure may cause skin dryness or cracking.

SECTION 12: Ecological information

Ecotoxicity The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

Ecological information on ingredients.

SOLVENT NAPHTHA, LIGHT AROMATIC(content of benzene <0.1%)

Ecotoxicity The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.1. Toxicity

Ecological information on ingredients.

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Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 1474 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 1800 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 911 mg/l,

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 100 mg/l, Daphnia magna

SOLVENT NAPHTHA, LIGHT AROMATIC(content of benzene <0.1%)

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, ~ 96 hours: 9.22 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, ~ 48 hours: 6.14 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, ~ 96 hours: 19 mg/l, Freshwater algae

Acute toxicity - microorganisms EC₅₀, : 1 - 10 mg/l,

12.2. Persistence and degradability

Persistence and degradability The product is slowly degradable.

Ecological information on ingredients.

2-BUTOXYETHANOL

Persistence and degradability The product is readily biodegradable.

Biodegradation - 90.4%: 28 days

SOLVENT NAPHTHA, LIGHT AROMATIC(content of benzene <0.1%)

Persistence and degradability The product is readily biodegradable.

12.3. Bioaccumulative potential

Partition coefficient Not determined.

Ecological information on ingredients.

2-BUTOXYETHANOL

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Partition coefficient : ~ 0.8

12.4. Mobility in soil

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Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

Ecological information on ingredients.

2-BUTOXYETHANOL

Mobility The product is soluble in water.

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.

Ecological information on ingredients.

2-BUTOXYETHANOL

Results of PBT and vPvB assessment No data available.

12.6. Other adverse effects

Other adverse effects The product contains volatile organic compounds (VOCs) which have a photochemical ozone creation potential.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Avoid the spillage or runoff entering drains, sewers or watercourses.

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

Waste class When this coating, in its liquid state, as supplied, becomes a waste, it is categorised as hazardous waste, with code 08 01 11* (SOLVENT BASED LIQUID WASTE). Part-used containers, not drained and/or rigorously scraped out and containing dried residues of the supplied coating, are categorised as hazardous waste, with code 08 01 11* (SOLVENT BASED LIQUID WASTE). If mixed with other wastes, the above waste code may not be applicable. Used containers, drained and/or rigorously scraped out and containing dry residues of the supplied coating, are categorised as non-hazardous waste, with code 15 01 02 (plastic packaging) or 15 01 04 (metal packaging).

SECTION 14: Transport information

General This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG.

14.1. UN number

UN No. (ADR/RID) 1263

UN No. (IMDG) 1263

UN No. (ICAO) 1263

14.2. UN proper shipping name

Proper shipping name (ADR/RID) PAINT RELATED MATERIAL, Flash Point 47 C

Proper shipping name (IMDG) PAINT RELATED MATERIAL, Flash Point 47 C

Proper shipping name (ICAO) PAINT RELATED MATERIAL, Flash Point 47 C

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14.3. Transport hazard class(es)

ADR/RID class	3
IMDG class	3
ICAO class/division	3

Transport labels



14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III

14.5. Environmental hazards

14.6. Special precautions for user

EmS	F-E, S-E
Tunnel restriction code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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

SECTION 15: Regulatory information

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

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
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). 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).
Guidance	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131. Dangerous Substances and Explosive Atmospheres Regulations 2002 [L138]

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information	Only trained personnel should use this material.
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Revision comments	Issued in new format for Reach compliance in accordance with EC 1272/2008 Issued in accordance with Annex II to REACH, as amended by Commission Regulation (EU) No. 2015/830 Professional use. Unique Formula Identifier (UFI) added Addition of EU supplier information
Issued by	Technical Dept. (P.E.)
Revision date	17/02/2021
Revision	5.3
Supersedes date	04/08/2020
SDS number	10756
SDS status	Approved.
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful 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. H319 Causes serious eye irritation. H331 Toxic if inhaled. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Signature	Initials _____

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.