

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 07/03/2023 Version: 1.0

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

1.1. Product identifier

	Product code Type of product Product group	: Paint : Blend
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1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier	Distributor
Coo-Var	Teal & Mackrill EU B.V.
Lockwood Street	Queens Towers
Hull – East Yorkshire	Delflandlaan 1
England	1062 EA Amsterdam
T +44 (0)1482 328053	Netherlands
info@coo-var.co.uk	T +31 (0)208 004828
	info@teamac.co.uk

1.4. Emergency telephone number

Emergency number

: +44 (0) 1482 328053 Coo-Var (08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Skin sensitisation, Category 1	H317
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411
Full text of H- and EUH-statements: see section 16	

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

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Contains	: bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE; OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS; FORMALDEHYDE, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE AND PHENOL
Hazard statements (CLP)	 H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	 P102 - Keep out of reach of children. P101 - If medical advice is needed, have product container or label at hand. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	 EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Component		
bis[4-(2,3- EPOXYPROPOXY)PHENYL]PROPANE(1675-54-3)	The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605	

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE	CAS-No.: 1675-54-3 EC-No.: 216-823-5 EC Index-No.: 603-073-00-2	≥ 30 – < 50	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317
Barium Sulphate substance with national workplace exposure limit(s) (GB)	CAS-No.: 7727-43-7 EC-No.: 231-784-4 REACH-no: 01-2119491274- 35	≥ 10 – < 30	Not classified
Calcium Magnesium Silicate substance with national workplace exposure limit(s) (GB)	CAS-No.: 14807-96-6 EC-No.: 238-877-9	≥ 10 – < 30	Not classified

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
FORMALDEHYDE, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3- EPOXYPROPANE AND PHENOL	CAS-No.: 9003-36-5 EC-No.: 500-006-8 REACH-no: 01-2119454392- 40	≥ 10 – < 30	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS	CAS-No.: 68609-97-2 EC-No.: 271-846-8 EC Index-No.: 603-103-00-4 REACH-no: 01-2119485289- 22	≥ 5 – < 10	Skin Irrit. 2, H315 Skin Sens. 1, H317
Titanium Dioxide substance with national workplace exposure limit(s) (GB)	CAS-No.: 13463-67-7 EC-No.: 236-675-5 REACH-no: 01-2119489379- 17	≥1-<5	Not classified

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE	CAS-No.: 1675-54-3 EC-No.: 216-823-5 EC Index-No.: 603-073-00-2	(5 ≤C ≤ 100) Eye Irrit. 2, H319 (5 ≤C ≤ 100) Skin Irrit. 2, H315

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures general	: 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.	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If unconscious place in recovery position and seek medical advice. Get medical advice/attention if you feel unwell.	
First-aid measures after skin contact	: Rinse skin with water/shower. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.	
First-aid measures after eye contact	: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.	
First-aid measures after ingestion	: Rinse mouth out with water. Do not induce vomiting. If the person is fully conscious, make him/her drink water. Never give an unconscious person anything to drink. Get medical advice/attention.	
4.2. Most important symptoms and effects, both acute and delayed		
Symptoms/effects after skin contact	: Get medical attention if symptoms occur after washing.	
4.3. Indication of any immediate medical attention and special treatment needed		

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

No additional information available

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

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5.3. Advice for firefighters		
Precautionary measures fire	: Avoid breathing (dust, vapor, mist, gas). Cool down the containers exposed to heat with a water spray.	
Protection during firefighting	: Use self-contained breathing apparatus and chemically protective clothing.	
SECTION 6: Accidental release	measures	
6.1. Personal precautions, protective equipment and emergency procedures		

6.1.1. For non-emergency personnel

Emergency procedures

: Do not breathe vapours. Avoid contact with skin and eyes. Ventilate spillage area. See section 8 of the SDS for more information on personal protective equipment.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent liquid from entering sewers, watercourses, underground or low areas.

6.3. Methods and material for containment and cleaning up		
For containment	: Absorb spilled material with sand or earth. Collect the residue by means of a non- combustible absorbent material.	
Methods for cleaning up	: Notify authorities if product enters sewers or public waters.	
Other information	: Dispose of materials or solid residues at an authorized site.	
6.4 Reference to other sections		

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Additional hazards when processed	: 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.	
Precautions for safe handling Hygiene measures	 Do not breathe vapours. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 	
7.2. Conditions for safe storage, including any incompatibilities		
Storage conditions Storage temperature	 Store in a well-ventilated place. Keep container tightly closed. Store in original container. 5 – 25 °C 	
7.3. Specific end use(s)		

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

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Barium Sulphate (7727-43-7)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1] 10 mg/m ³ Inhalable dust		
Titanium Dioxide (13463-67-7)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1] 10 mg/m ³ Inhalable dust		
Calcium Magnesium Silicate (14807-96-6)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1] ≈ 1 mg/m ³		

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure that there is a suitable ventilation system.

8.2.2. Personal protection equipment

Personal protective equipment:

Wear protective gloves. Wear respiratory protection. Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Chemical goggles or safety glasses

8.2.2.2. Skin protection

Hand protection:

As a general principal, exposure should be managed by means other than the provision of protective gloves. Permeation time: minimum >480min long term exposure; material / thickness [mm]:

Other skin protection

Materials for protective clothing: Use protective clothing

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

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8.2.3. Environmental exposure controls

Consumer exposure controls:

Do not exceed the occupational exposure limits (OEL).

9.1. Information on basic physical and chemical properties		
Physical state	: Liquid	
Colour	: Not available	
Appearance	: Coloured liquid.	
Odour	: Not available	
Odour threshold	: Not available	
Melting point	: Not available	
Freezing point	: Not available	
Boiling point	: >150 °C @ 760 mm Hg	
Flammability	: Not available	
Explosive limits	: Not available	
Lower explosion limit	: Not available	
Upper explosion limit	: Not available	
Flash point	: Not available	
Auto-ignition temperature	: > 200 °C	
Decomposition temperature	: Not available	
рН	: Technically not feasible.	
Viscosity, kinematic	: Not available	
Viscosity, dynamic	: 0.9 Pas @ 25°C	
Solubility	: immiscible and insoluble.	
Partition coefficient n-octanol/water (Log Kow)	: Not available	
Vapour pressure	: < 0.1 mbar	
Vapour pressure at 50°C	: Not available	
Density	: Not available	
Relative density	: 1.12 @ 25°C	
Relative vapour density at 20°C	: Not available	
Particle characteristics	: Not applicable	
9.2. Other information		

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Strong acids. Amines. Mercaptans.

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10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECT	TION 11: Toxicological information
11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified

FORMALDEHYDE, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE AND PHENOL (9003-36-5)

LD50 oral rat	2100 mg/kg
Skin corrosion/irritation	: Causes skin irritation. pH: Technically not feasible.
Serious eye damage/irritation	: Causes serious eye irritation. pH: Technically not feasible.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information		
12.1. Toxicity		
Hazardous to the aquatic environment, short-term : Not classified (acute) Hazardous to the aquatic environment, long-term : Toxic to aquatic life with long lasting effects. (chronic) Not rapidly degradable		
FORMALDEHYDE, OLIGOMERIC REACTION 5)	PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE AND PHENOL (9003-36-	
LC50 - Fish [1]	> 100 mg/l Golden Orfe	
12.2. Persistence and degradability		
No additional information available		
12.3. Bioaccumulative potential		
No additional information available		
12.4. Mobility in soil		
No additional information available		
12.5. Results of PBT and vPvB assessment		
No additional information available		

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12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal consideration	s
13.1. Waste treatment methods	
Sewage disposal recommendations Product/Packaging disposal recommendations European List of Waste (LoW) code	 Do not discharge into drains or rivers. Dispose in a safe manner in accordance with local/national regulations. 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances 15 01 02 - plastic packaging 15 01 04 - metallic packaging
HP Code	 HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye. HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs. HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID ADR IMDG ΙΑΤΑ ADN RID 14.1. UN number or ID number UN 3082 UN 3082 UN 3082 UN 3082 UN 3082 14.2. UN proper shipping name ENVIRONMENTALLY ENVIRONMENTALLY Environmentally hazardous ENVIRONMENTALLY ENVIRONMENTALLY HAZARDOUS HAZARDOUS substance, liquid, n.o.s. HAZARDOUS HAZARDOUS SUBSTANCE, LIQUID, SUBSTANCE, LIQUID, (ENVIRONMENTALLY SUBSTANCE, LIQUID, SUBSTANCE, LIQUID, N.O.S. N.O.S. HAZARDOUS N.O.S. N.O.S. (ENVIRONMENTALLY (ENVIRONMENTALLY SUBSTANCE, LIQUID, (ENVIRONMENTALLY (ENVIRONMENTALLY HAZARDOUS HAZARDOUS N.O.S.) HAZARDOUS HAZARDOUS SUBSTANCE, LIQUID, SUBSTANCE, LIQUID, SUBSTANCE, LIQUID, SUBSTANCE, LIQUID, N.O.S.) N.O.S.) N.O.S.) N.O.S.) Transport document description UN 3082 UN 3082 UN 3082 Environmentally UN 3082 UN 3082 ENVIRONMENTALLY ENVIRONMENTALLY hazardous substance, ENVIRONMENTALLY ENVIRONMENTALLY HAZARDOUS HAZARDOUS liquid, n.o.s. HAZARDOUS HAZARDOUS SUBSTANCE, LIQUID, (ENVIRONMENTALLY SUBSTANCE, LIQUID, SUBSTANCE, LIQUID, SUBSTANCE, LIQUID, N.O.S. N.O.S. HAZARDOUS N.O.S. N.O.S. (ENVIRONMENTALLY SUBSTANCE, LIQUID, (ENVIRONMENTALLY (ENVIRONMENTALLY (ENVIRONMENTALLY HAZARDOUS HAZARDOUS N.O.S.), 9, III HAZARDOUS HAZARDOUS SUBSTANCE, LIQUID, SUBSTANCE, LIQUID, SUBSTANCE, LIQUID, SUBSTANCE, LIQUID, N.O.S.), 9, III, MARINE N.O.S.), 9, III, (-) N.O.S.), 9, III N.O.S.), 9, III POLLUTANT 14.3. Transport hazard class(es) 9 9 9 9 9

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ADR	IMDG	ΙΑΤΑ	ADN	RID
14.4. Packing group	1		1	
	III	III	111	111
14.5. Environmental haz	ards			
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes s	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information	n available			
14.6. Special precaution	s for user			
Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Special packing provisions (A Mixed packing provisions (AD Portable tank and bulk contain Portable tank and bulk contain Portable tank and bulk contain (ADR) Tank code (ADR) Vehicle for tank carriage Transport category (ADR) Special provisions for carriage Special provisions for carriage and handling (ADR) Hazard identification number Orange plates	: DR) : R) : ner instructions (ADR) : ner special provisions : : e - Packages (ADR) : e - Loading, unloading	 P001, IBC03, LP01, R001 PP1 MP19 T4 TP1, TP29 LGBV AT 3 V12 CV13 		
Tunnel restriction code (ADR)		-		
EAC code	:	•3Z		
Transport by sea Special provisions (IMDG) Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) Special packing provisions (IMDG) Special packing instructions (IMDG) Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG)	: /IDG) : /G) : G) : G) : :	 274, 335, 969 5 L E1 LP01, P001 PP1 IBC03 T4 TP1, TP29 F-A S-F A 		
Air transport PCA Excepted quantities (IAT PCA Limited quantities (IATA) PCA limited quantity max net PCA packing instructions (IAT) quantity (IATA)	E1 Y964 30kgG 964		

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PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) Special provisions (IATA) ERG code (IATA)	: 450L : 964 : 450L : A97, A158, A197, A215 : 9L
Inland waterway transport Classification code (ADN)	: M6
Special provisions (ADN) Limited quantities (ADN) Excepted quantities (ADN) Carriage permitted (ADN) Equipment required (ADN) Number of blue cones/lights (ADN)	274, 335, 375, 601 25 L E1 T PP 0
Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID)	 M6 274, 335, 375, 601 5L E1 P001, IBC03, LP01, R001 PP1 MP19 T4 TP1, TP29
 (RID) Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID) Special provisions for carriage - Loading, unloading and handling (RID) Colis express (express parcels) (RID) Hazard identification number (RID) 	

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:		
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
EUH211	Narning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H411	Toxic to aquatic life with long lasting effects.	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.