

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 08/08/2023 Version: 1.0

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

1.1. Product identifier

Product form Product name	: Mixture : 136/Q225 - PROFLOOR PLUS - HARDENER
UFI	: TEUP-52KF-A002-92KD
Product code	: 11018
Product group	: Blend
Other means of identification	: 136/225/H

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 Ltd
Lockwood Street	Lockwood Street
Hull – East Yorkshire	Hull – East Yorkshire HU2 0HN
England	England
T +44 (0)1482 328053	T +44 (0)1482 320194
info@coo-var.co.uk	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]
Acute toxicity (oral), Category 4	H302
Skin corrosion/irritation, Category 1, Sub-Category 1B	H314
Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, Category 1	H317
Reproductive toxicity, Category 2	H361
Hazardous to the aquatic environment – Chronic Hazard,	H412
Category 3	
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	 SALICYLIC ACID; TRIMETHYLHEXAMETHYLENE DIAMINE; m- phenylenebis(methylamine); Benzyl Alcohol (self classification); 4-4'- Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with m-phenylenebis(methylamine)
Hazard statements (CLP)	 H302 - Harmful if swallowed. H314 - Causes severe skin burns and eye damage. H317 - May cause an allergic skin reaction. H361 - Suspected of damaging fertility or the unborn child. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	 P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. 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. P333+P313 - If skin irritation or rash occurs: 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.

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 %

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]
Benzyl Alcohol (self classification)	CAS-No.: 100-51-6 EC-No.: 202-859-9 REACH-no: 01-2119492630- 38	≥ 30 – < 50	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h) Eye Irrit. 2, H319
TRIMETHYLHEXAMETHYLENE DIAMINE	CAS-No.: 2855-13-2 EC-No.: 220-666-8	≥ 10 – < 30	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight) Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
m-phenylenebis(methylamine)	CAS-No.: 1477-55-0 EC-No.: 216-032-5 REACH-no: 01-2119480150- 50	≥ 10 – < 30	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h) Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Chronic 3, H412 EUH071
SALICYLIC ACID	CAS-No.: 69-72-7 EC-No.: 200-712-3 EC Index-No.: 607-732-00-5 REACH-no: 01-2119486984- 17	≥ 5 – < 10	Repr. 2, H361d Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Eye Dam. 1, H318
4-4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with m-phenylenebis(methylamine)	CAS-No.: 113930-69-1 EC-No.: 500-302-7	≥ 5 – < 10	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Sens. 1, H317 Aquatic Chronic 2, H411

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

SECTION 4: First aid measures

First-aid measures general	: Seek medical attention immediately.
First-aid measures after inhalation	: Move the affected person away from the contaminated area and into the fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place. If unconscious place in recovery position and seek medical advice.
First-aid measures after skin contact	: Rinse skin with water/shower.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: If swallowed, seek medical advice immediately and show this container or label. Rinse mouth out with water. Do not induce vomiting/risk of damage to lungs exceeds poisoning risk. If the person is fully conscious, make him/her drink water. Never give an unconscious person anything to drink.
4.2. Most important symptoms and e	ffects, both acute and delayed
Symptoms/effects	: The severity of the symptoms described will vary dependant on the concentration and the length of exposure.
Symptoms/effects after inhalation	: Danger of serious damage to health by prolonged exposure through inhalation.
	: Prolonged or repeated contact may cause skin to become dry.
Symptoms/effects after skin contact	
Symptoms/effects after skin contact Symptoms/effects after eye contact	: May cause eye irritation.

No additional information available

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	 Non flammable. dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2). Do not use a heavy water stream.

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5.2. Special hazards arising from the substance or mixture		
Fire hazard Hazardous decomposition products in case of fire	Heating may cause a fire or explosion.Toxic fumes may be released.	
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			
General measures	: No action shall be taken without appropriate training or involving any personal risk. Evacuate area.		
6.1.1. For non-emergency personnel			
Protective equipment	: Wear recommended personal protective equipment.		
6.1.2. For emergency responders			
No additional information available			

6.2. Environmental precautions

Avoid spillage of concentrates to soil, surface water or groundwater e.g. through collection pans. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up	
For containment Methods for cleaning up	 Absorb spilled material with sand or earth. Clean contaminated surfaces with an excess of water. Place in an appropriate container and dispose of the contaminated material at a licensed site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling Hygiene measures	 Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood. Handle and open container with care. Always wash hands after handling the product. Take off immediately all contaminated
7.2. Conditions for safe storage, includi	clothing and wash it before reuse. ng any incompatibilities
Storage conditions	: Keep container tightly closed. Keep only in original container. Store in a well-ventilated place.
Incompatible products	: Strong acids.
7.3. Specific end use(s)	

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

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:

Personal, workplace, environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Provide local exhaust or general room ventilation. Ensure control measures are regularly inspected and maintained.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Protective goggles (EN 166)

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. Breakthrough time : refer to the recommendations of the supplier. Permeation time: minimum >480min long term exposure; material / thickness [mm]: Protective gloves against chemicals (EN 374)

Other skin protection

Materials for protective clothing: protective footwear. Use protective clothing

8.2.2.3. Respiratory protection

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Combined respiratory protective device, for filtering gas and particles, with a specific canister

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Keep container tightly closed.

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Consumer exposure controls:

Do not exceed the occupational exposure limits (OEL).

SECTION 9: Physical and chemical p	roperties	
9.1. Information on basic physical and ch	emical properties	
Physical state Colour	: Liquid : amber.	
Appearance Odour	: Viscous liquid. : Not available	
Odour threshold Melting point	 Not available Not available 	
Freezing point Boiling point Flammability Lower explosion limit Upper explosion limit	 Not available Not available Not available Not available Not available Not available 	
Flash point Auto-ignition temperature Decomposition temperature pH	 Not available > 100 °C Closed cup. Not available Not available Not applicable. 	
Viscosity, kinematic Viscosity, dynamic Solubility Partition coefficient n-octanol/water (Log Kow) Vapour pressure	 Not available 200 mPas @ 25°C immiscible. Not available Not available 	
Vapour pressure at 50°C Density Relative density Relative vapour density at 20°C Particle characteristics	 Not available Not available 1.06 @ 20°C Not available Not applicable 	
9.2. Other information		
9.2.1. Information with regard to physical hazar No additional information available	rd classes	
9.2.2. Other safety characteristics		
VOC content	: < 100 g/l	
SECTION 10: Stability and reactivity		
10.1. Reactivity		
Product is not explosive.		
10.2. Chemical stability		
Stable under normal conditions of use.		
10.3. Possibility of hazardous reactions		
No dangerous reactions known under normal cond	ditions of use.	
10.4. Conditions to avoid		
Overheating.		
10.5. Incompatible materials		

Acids.

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10.6. Hazardous decomposition products

On exposure to high temperature, may decompose, releasing corrosive gases.

SECTION 11: Toxicological information			
11.1. Information on hazard classes as define	11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008		
Acute toxicity (oral):Acute toxicity (dermal):Acute toxicity (inhalation):	Harmful if swallowed. Not classified Not classified		
136/Q225 - PROFLOOR PLUS - HARDENER			
ATE CLP (oral)	500 mg/kg bodyweight		
SALICYLIC ACID (69-72-7)			
LD50 oral rat	891 mg/kg		
LD50 dermal rat	< 2010 mg/kg		
Skin corrosion/irritation :	Causes severe skin burns. pH: Not applicable.		
Serious eye damage/irritation :	Causes serious eye damage. pH: Not applicable.		
Respiratory or skin sensitisation :	May cause an allergic skin reaction.		
Germ cell mutagenicity :	Not classified		
Carcinogenicity :	Not classified		
Reproductive toxicity :	Suspected of damaging fertility or the unborn child.		
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

08/08/2022 (locus dots)	CP on 7/42
No additional information available	
12.6. Endocrine disrupting properties	
No additional information available	
12.5. Results of PBT and vPvB assessment	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.3. Bioaccumulative potential	
No additional information available	
12.2. Persistence and degradability	
Hazardous to the aquatic environment, short-term (acute) Hazardous to the aquatic environment, long-term (chronic) Not rapidly degradable	Not classifiedHarmful to aquatic life with long lasting effects.
12.1. Toxicity	

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12.7. Other adverse effects

No additional information available

S
 Disposal must be done according to official regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions.
: Do not discharge into drains or rivers.
: Dispose in a safe manner in accordance with local/national regulations. Refer to manufacturer/supplier for information on recovery/recycling.
: 15 01 04 - metallic packaging 15 01 02 - plastic packaging
: HP6 - "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.
HP8 - "Corrosive:" waste which on application can cause skin corrosion.
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

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ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID n	umber		I	
UN 3066	UN 3066	UN 3066	UN 3066	UN 3066
14.2. UN proper shippin	g name			
PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	Paint related material	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL
Transport document descr	iption			
UN 3066 PAINT RELATED MATERIAL, 8, II, (E)	UN 3066 PAINT RELATED MATERIAL, 8, II	UN 3066 Paint related material, 8, II	UN 3066 PAINT RELATED MATERIAL, 8, II	UN 3066 PAINT RELATED MATERIAL, 8, II
14.3. Transport hazard o	class(es)			
8	8	8	8	8
B	B	B	8	B
14.4. Packing group			I	
II	II	II	II	II
14.5. Environmental haz	ards		I	
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information	n available		1	
14.6. Special precaution	s for user			
Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Mixed packing provisions (AD Portable tank and bulk contain Portable tank and bulk contain (ADR) Tank code (ADR) Vehicle for tank carriage Transport category (ADR) Hazard identification number Orange plates	: C9 : 163 : 11 : E2 : P00 NR) : MP ner instructions (ADR) : T7 ner special provisions : TP2 : L4E : AT : 2 (Kemler No.) : 80	2, TP28		
Tunnel restriction code (ADR) EAC code Transport by sea Special provisions (IMDG) Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) IBC packing instructions (IMDG) Tank instructions (IMDG)	: 2X : 163 : 1 L : E2 : P00	01		

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	ded by Regulation (EO) 2020/070
Tank special provisions (IMDG)	: TP2, TP28
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-B
Stowage category (IMDG)	: В
Stowage and handling (IMDG)	: SW2
Properties and observations (IMDG)	: Corrosive content. Causes burns to skin, eyes and mucous membranes.
Air transport	
PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y840
PCA limited quantity max net quantity (IATA)	: 0.5L
PCA packing instructions (IATA)	: 851
PCA max net quantity (IATA)	: 1L
CAO packing instructions (IATA)	: 855
CAO max net quantity (IATA)	: 30L
Special provisions (IATA)	: A3, A72, A192, A803
ERG code (IATA)	: 8L
Inland waterway transport	
Classification code (ADN)	: C9
Special provisions (ADN)	: 163, 367
Limited quantities (ADN)	: 1L
Excepted quantities (ADN)	: E2
Equipment required (ADN)	: PP, EP
Number of blue cones/lights (ADN)	: 0
Rail transport	
Classification code (RID)	: C9
Special provisions (RID)	: 163, 367
Limited quantities (RID)	: 1L
Excepted quantities (RID)	: E2
Packing instructions (RID)	: P001, IBC02
Mixed packing provisions (RID)	: MP15
Portable tank and bulk container instructions (RID)	: T7
Portable tank and bulk container special provisions (RID)	: TP2, TP28
Tank codes for RID tanks (RID)	: L4BN
Transport category (RID)	: 2
Colis express (express parcels) (RID)	: CE6
Hazard identification number (RID)	: 80

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)

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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)

VOC Directive (2004/42)

VOC content

: < 100 g/l

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)

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

Abbreviations and acronyms:	
CAS-No.	Chemical Abstract Service number
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
IMDG	International Maritime Dangerous Goods
PBT	Persistent Bioaccumulative Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet

Data sources

: ECHA (European Chemicals Agency). 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Supplier's safety documents.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
EUH071	Corrosive to the respiratory tract.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.

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Full text of H- and EUH-statements:	
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H361	Suspected of damaging fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
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.