

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

1.1 Product Identifier

Product Name: ZP Primer - Resin Part A

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

Identified Use(s): No additional information available

Uses Advised Against: No additional information available

1.3 Details of the supplier of the safety data sheet

Company Name: Polycote UK LLP
Centre Point
Wolseley Road
Woburn Road Industrial Estate
Kempston
Beds
MK42 7EF
Telephone Number: 01234 846400
Emergency Contact Number: 111 (NHS England)
Email address: uksales@polycote.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

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

Flammable liquids, Category 3; H226

Skin corrosion/irritation, Category 2 H315

Serious eye damage/eye irritation, Category 2; H319

Skin sensitisation, Category 1; H317

Specific target organ toxicity – Repeated exposure, Category 2; H373

Hazardous to the aquatic environment – Acute Hazard, Category 1; H400

Hazardous to the aquatic environment – Chronic Hazard, Category 1; H410

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

According to Regulation (EC) No. 1272/2008 (CLP):

Hazard pictograms:



Signal word:

Warning

Contains

EPOXY RESIN (Number average MW ≤ 700); Epoxy Resin (average mol. weight 700-1000); Xylene isomer mixture (self classification); N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide)

Hazard statements:

H226 - Flammable liquid and vapour.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H373 - May cause damage to organs through prolonged or repeated exposure.
H410 - Very toxic 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.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
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.
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:

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

SECTION 2: HAZARDS IDENTIFICATION (continue)

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]
TRIZINC BIS(ORTHOPHOSPHATE)	CAS-No.: 7779-90-0 EC-No.: 231-944-3 EC Index-No.: 030-011-00-6 REACH-no: 01-2119485044-40	≥ 10 – < 30	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Barium Sulphate substance with national workplace exposure limit(s) (CZ, GB, SK); substance with a Community workplace exposure limit	CAS-No.: 7727-43-7 EC-No.: 231-784-4 REACH-no: 01-2119491274-35	≥ 10 – < 30	Not classified
Xylene isomer mixture (self classification) substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 1330-20-7 EC-No.: 215-535-7 EC Index-No.: 601-022-00-9 REACH-no: 01-2119488216-32	≥ 10 – < 30	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h) Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
EPOXY RESIN (Number average MW ≤ 700)	CAS-No.: 25068-38-6 EC-No.: 500-033-5 EC Index-No.: 603-074-00-8	≥ 5 – < 10	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Titanium Dioxide substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 13463-67-7 EC-No.: 236-675-5 REACH-no: 01-2119489379-17	≥ 5 – < 10	Not classified
Epoxy Resin (average mol. weight 700-1000)	CAS-No.: 25036-25-3 EC-No.: 607-500-3	≥ 5 – < 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Calcium Magnesium Silicate substance with national workplace exposure limit(s) (GB)	CAS-No.: 14807-96-6 EC-No.: 238-877-9	≥ 5 – < 10	Not classified
1-METHOXY-2-PROPANOL substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 107-98-2 EC-No.: 203-539-1 EC Index-No.: 603-064-00-3 REACH-no: 01-2119457435-35	≥ 1 – < 5	Flam. Liq. 3, H226 STOT SE 3, H336
ISO-BUTANOL	CAS-No.: 78-83-1 EC-No.: 201-148-0 REACH-no: 01-2119484609-23	≥ 1 – < 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H336 STOT SE 3, H335
Zinc Oxide	CAS-No.: 1314-13-2 EC-No.: 215-222-5 EC Index-No.: 030-013-00-7 REACH-no: 01-2119463881-32	< 1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2-METHOXY-1-METHYLETHYL ACETATE substance with national workplace exposure limit(s) (GB)	CAS-No.: 108-65-6 EC-No.: 203-603-9 REACH-no: 01-2119475791-29	< 1	Flam. Liq. 3, H226 STOT SE 3, H336
HYDROCARBONS, C9, AROMATICS substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 64742-95-6 EC-No.: 918-668-5 REACH-no: 01-2119455851-35	< 1	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1- amide)	CAS-No.: 123-26-2 EC-No.: 204-613-6	< 1	Skin Sens. 1B, H317 Aquatic Chronic 3, H412

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS (continue)

Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
EPOXY RESIN (Number average MW $\leq$ 700)	CAS-No.: 25068-38-6 EC-No.: 500-033-5 EC Index-No.: 603-074-00-8	(5 $\leq$ C $\leq$ 100) Eye Irrit. 2, H319 (5 $\leq$ C $\leq$ 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:	Get medical advice/attention if you feel unwell. Allow affected person to breathe fresh air.
First-aid measures after skin contact:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion:	Drink plenty of water. Do not induce vomiting. Rinse mouth out with water. If you feel unwell, seek medical advice.

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:

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture: Highly flammable liquid and vapour. May decompose in a fire, giving off toxic and irritant vapours.

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

5.3 Advice for firefighters:

Firefighting instructions: Use water spray or fog for cooling exposed containers.

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: Avoid contact with skin and eyes.

6.1.1. For non-emergency personnel

Protective equipment: Wear recommended personal protective equipment.

Emergency procedures: Avoid breathing vapours.

6.1.2. For emergency responders No additional information available

6.2 Environmental precautions: Do not allow to enter drains or water courses.

6.3 Methods and material for containment and cleaning up:

For containment: Absorb spilled material with sand or earth. Collect spillage.

Methods for cleaning up: Notify authorities if product enters sewers or public waters. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4 Reference to other sections: See Section 8.

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.

Precautions for safe handling: Do not breathe vapours. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2 Conditions for safe storage, including any Incompatibilities:

Storage conditions: Store in a well-ventilated place. Keep container tightly closed. Store in original container. Keep cool. Protect from sunlight.

Storage temperature: 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

1-METHOXY-2-PROPANOL (107-98-2)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	375 mg/m ³
IOEL TWA [ppm]	100 ppm
IOEL STEL	568 mg/m ³
IOEL STEL [ppm]	150 ppm
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	375 mg/m ³ GB EH40
WEL TWA (OEL TWA) [2]	100 ppm
WEL STEL (OEL STEL)	560 mg/m ³ GB EH40
WEL STEL (OEL STEL) [ppm]	150 ppm
2-METHOXY-1-METHYLETHYL ACETATE (108-65-6)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	50 mg/m ³ GB EH40
WEL STEL (OEL STEL)	100 mg/m ³ GB EH40
Barium Sulphate (7727-43-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	10 mg/m ³ inhalable dust
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	10 mg/m ³ Inhalable dust
Titanium Dioxide (13463-67-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	10 mg/m ³ Inhalable dust
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
HYDROCARBONS, C9, AROMATICS (64742-95-6)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	100 mg/m ³
IOEL TWA [ppm]	25 ppm
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	100 mg/m ³ (8 hour)
WEL TWA (OEL TWA) [2]	25 ppm (8 hour)
Xylene isomer mixture (self classification) (1330-20-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA [ppm]	50 ppm
IOEL STEL	442 mg/m ³
IOEL STEL [ppm]	100 ppm
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	220 mg/m ³
WEL TWA (OEL TWA) [2]	50 ppm
WEL STEL (OEL STEL)	441 mg/m ³
WEL STEL (OEL STEL) [ppm]	100 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
United Kingdom - Biological limit values	
BMGV	≈ 650 mmol/mol Creatinine
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

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

Ensure good ventilation of the workstation.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)

8.2.2.1. Eye and face protection	
Eye protection:	Chemical goggles or safety glasses
8.2.2.2. Skin protection	
Hand protection:	Protective gloves against chemicals (EN 374)
Other skin protection	
Materials for protective clothing:	Wear protective clothing.
8.2.2.3. Respiratory protection	
Respiratory protection:	Wear respiratory protection. Wear suitable respiratory equipment in case of insufficient ventilation.
8.2.2.4. Thermal hazards	No additional information available
8.2.3. Environmental exposure controls	
Environmental exposure controls:	Do not exceed the occupational exposure limits (OEL).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties:**

Physical state:	Liquid
Colour:	Grey
Appearance:	Viscous liquid
Odour:	Not available
Odour threshold:	Not available
Melting point:	Not available
Freezing point:	Not available
Boiling point:	Not available
Flammability:	Not available
Lower explosion limit:	Not available
Upper explosion limit:	Not available
Flash point:	~ 28°C Closed cup.
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
pH:	Technically not feasible.
Viscosity, kinematic:	> 20.5 mm ² /s
Viscosity, dynamic:	1.1 – 1.3 P @ 25°C
Solubility:	insoluble in water.
Partition coefficient n-octanol/water (Log Kow):	Not available
Vapour pressure:	Not available
Vapour pressure at 50°C:	Not available
Density:	Not available
Relative density:	1.75 @ 20°C
Relative vapour density at 20°C:	Not available
Particle characteristics:	Not applicable

9.2 Other information

9.2.1. Information with regard to physical hazard classes	No additional information available
9.2.2. Other safety characteristics	
VOC content:	< 499 g/l

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 of use.
10.3 Possibility of hazardous reactions:	Stable under normal conditions of use.
10.4 Conditions to avoid:	No additional information available
10.5 Incompatible materials:	Acids. Strong bases. Amines. Mercaptans.
10.6 Hazardous decomposition products:	No additional information available

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects:**

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

Xylene isomer mixture (self classification) (1330-20-7)

LD50 oral rat	3523 mg/kg
LD50 dermal rat	1100 mg/kg

Skin corrosion/irritation:	Causes skin irritation.
	pH: Technically not feasible.

SECTION 11: TOXICOLOGICAL INFORMATION (continue)
HYDROCARBONS, C9, AROMATICS (64742-95-6)

pH	Not available.
Serious eye damage/irritation:	Causes serious eye irritation. pH: Technically not feasible.

HYDROCARBONS, C9, AROMATICS (64742-95-6)

pH	Not available.
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

ISO-BUTANOL (78-83-1)

STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.
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1-METHOXY-2-PROPANOL (107-98-2)

STOT-single exposure	May cause drowsiness or dizziness.
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2-METHOXY-1-METHYLETHYL ACETATE (108-65-6)

STOT-single exposure	May cause drowsiness or dizziness.
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HYDROCARBONS, C9, AROMATICS (64742-95-6)

STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.
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Xylene isomer mixture (self classification) (1330-20-7)

STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Xylene isomer mixture (self classification) (1330-20-7)

STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	Not classified

515/Q113 - HIGH PERFORMANCE 2 PACK ZINC PHOSPHATE PRIMER - BASE FOR GREY

Viscosity, kinematic	> 20.5 mm ² /s
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11.2. Information on other hazards No additional information available

SECTION 12: ECOLOGICAL INFORMATION
12.1 Toxicity

Hazardous to the aquatic environment, short-term (acute):	Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic) Not rapidly degradable:	Very toxic to aquatic life with long lasting effects.

Xylene isomer mixture (self classification) (1330-20-7)

LC50 - Fish [1]	2.6 mg/l Rainbow Trout
EC50 - Crustacea [1]	1 - 5 mg/l Daphnia Magnia
EC50 72h - Algae [1]	3 - 5 mg/l Algae
NOEC chronic crustacea	1.91 mg/l EC10 21 Day Daphnia Magnia

12.2 Persistence and Degradation:

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:
515/Q113 - HIGH PERFORMANCE 2 PACK ZINC PHOSPHATE PRIMER - BASE FOR GREY

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6 Other adverse effects No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS
13.1. Waste treatment methods

Waste treatment methods:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations:	Avoid release to the environment. Completely empty the packaging prior to decontamination. Dispose in a safe manner in accordance with local/national regulations
Additional information:	Handle empty containers with care because residual vapours are flammable. Do not re-use empty containers.
Ecology - waste materials:	Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS (continue)

European List of Waste (LoW) code:	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:	
HP3 - "Flammable:"	– flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C; – flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air; – flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction; – flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa; – water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities; – other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.
HP4 - "Irritant – skin irritation and eye damage:"	Waste which on application can cause skin irritation or damage to the eye.
HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:"	Waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.
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	IATA	ADN	RID
14.1. UN number or ID number				
UN 1263	UN 1263	UN 1263	UN 1263	UN 1263
14.2. UN proper shipping name				
PAINT	PAINT	PAINT	PAINT	PAINT
Transport document description				
UN 1263 PAINT, 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT, 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1263 Paint, 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)				
3	3	3	3	3
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes

No supplementary information available

14.6 Special precautions for user

Overland transport

Classification code (ADR):	F1
Special provisions (ADR):	163, 367, 650
Limited quantities (ADR):	5I
Excepted quantities (ADR):	E1
Packing instructions (ADR):	P001, IBC03, LP01, R001
Special packing provisions (ADR):	PP1
Mixed packing provisions (ADR): Portable tank and bulk container instructions (ADR):	MP19 T2
Portable tank and bulk container special provisions (ADR):	TP1, TP29
Tank code (ADR):	LGBF
Vehicle for tank carriage:	FL
Transport category (ADR):	3
Special provisions for carriage - Packages (ADR):	V12
Special provisions for carriage - Operation (ADR):	S2

SECTION 14: TRANSPORT INFORMATION (continue)

Hazard identification number (Kemler No.):	30
Orange plates:	30 1263
Tunnel restriction code (ADR):	D/E
EAC code:	•3Y
Transport by sea	
Special provisions (IMDG):	163, 223, 367, 955
Limited quantities (IMDG):	5 L
Excepted quantities (IMDG):	E1
Packing instructions (IMDG):	P001, LP01
Special packing provisions (IMDG):	PP1
IBC packing instructions (IMDG):	IBC03
Tank instructions (IMDG):	T2
Tank special provisions (IMDG):	TP1, TP29
EmS-No. (Fire):	F-E
EmS-No. (Spillage):	S-E
Stowage category (IMDG):	A
Properties and observations (IMDG):	Miscibility with water depends upon the composition.
Air transport	
PCA Excepted quantities (IATA):	E1
PCA Limited quantities (IATA):	Y344
PCA limited quantity max net quantity (IATA):	10L
PCA packing instructions (IATA):	355
PCA max net quantity (IATA):	60L
CAO packing instructions (IATA):	366
CAO max net quantity (IATA):	220L
Special provisions (IATA):	A3, A72, A192
ERG code (IATA):	3L
Inland waterway transport	
Classification code (ADN):	F1
Special provisions (ADN):	163, 367, 650
Limited quantities (ADN):	5 L
Excepted quantities (ADN):	E1
Equipment required (ADN):	PP, EX, A
Ventilation (ADN):	VE01
Number of blue cones/lights (ADN):	0
Rail transport	
Classification code (RID):	F1
Special provisions (RID):	163, 367, 650
Limited quantities (RID):	5L
Excepted quantities (RID):	E1
Packing instructions (RID):	P001, IBC03, LP01, R001
Special packing provisions (RID):	PP1
Mixed packing provisions (RID):	MP19
Portable tank and bulk container instructions (RID):	T2
Portable tank and bulk container special provisions (RID):	TP1, TP29
Tank codes for RID tanks (RID):	LGBF
Transport category (RID):	3
Special provisions for carriage – Packages (RID):	W12
Colis express (express parcels) (RID):	CE4
Hazard identification number (RID):	30
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

Other information, restriction and prohibition regulations:	Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 and all its amendments and modifications. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and all its amendments and modifications.
REACH Annex XVII (Restriction List):	Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

SECTION 15: REGULATORY INFORMATION (continue)

REACH Annex XIV (Authorisation List)	Contains no substance(s) listed on REACH Annex XIV (Authorisation List)
REACH Candidate List (SvVHC):	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)
VOC Directive (2004/42)	
VOC content:	< 499 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
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
IARC	International Agency for Research on Cancer
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
PBT	Persistent Bioaccumulative Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative

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
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1

SECTION 16: OTHER INFORMATION (continue)

Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

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Version 1

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

1.1 Product Identifier

Product Name: ZP Primer - Hardener Part B

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

Identified Use(s): No additional information available

Uses Advised Against: No additional information available

1.3 Details of the supplier of the safety data sheet

Company Name: Polycote UK LLP
Centre Point
Wolseley Road
Woburn Road Industrial Estate
Kempston
Beds
MK42 7EF
Telephone Number: 01234 846400
Emergency Contact Number: 111 (NHS England)
Email address: uksales@polycote.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

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

Flammable liquids, Category 3; H226

Acute toxicity (inhalation: dust, mist) Category 4; H332

Skin corrosion/irritation, Category 2; H315

Serious eye damage/eye irritation, Category 2; H319

Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation; H335

Specific target organ toxicity – Repeated exposure, Category 2; H373

Hazardous to the aquatic environment – Chronic Hazard, Category 3; H412

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

According to Regulation (EC) No. 1272/2008 (CLP):

Hazard pictograms:



Signal word:

Warning

Contains

Xylene isomer mixture (self classification)

Hazard statements:

H226 - Flammable liquid and vapour.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H335 - May cause respiratory irritation.
H373 - May cause damage to organs through prolonged or repeated exposure.
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.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 - Use only outdoors or in a well-ventilated area.
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.
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 $\geq 0.1\%$ 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]
Fatty acids, C18-unsatd., dimers, polymers with isophthalic acid, tall-oil fatty acids and triethylenetetramine	CAS-No.: 198028-08-9	≥ 50 – < 80	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412
Xylene isomer mixture (self classification) substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 1330-20-7 EC-No.: 215-535-7 EC Index-No.: 601-022-00-9 REACH-no: 01-2119488216-32	≥ 30 – < 50	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h) Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412

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. Get medical advice/attention if you feel unwell. Administer oxygen if breathing is difficult. If unconscious place in recovery position and seek medical advice.

First-aid measures after skin contact:

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Gently wash with plenty of soap and water.

First-aid measures after eye contact:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion:

If the person is fully conscious, make him/her drink water. Never give an unconscious person anything to drink. If you feel unwell, seek medical advice. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed:**Symptoms/effects after skin contact:**

The severity of the symptoms described will vary dependant on the concentration and the length of exposure.

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

No additional information available

SECTION 5: FIRE-FIGHTING MEASURES**5.1 Extinguishing media:****Suitable extinguishing media:**Dry chemical, CO₂, dry sand, or alcohol-resistant foam.**5.2 Special hazards arising from the substance or mixture:****Hazardous decomposition products in case of fire:**

Toxic fumes may be released.

5.3 Advice for firefighters:**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:**

Avoid contact with skin and eyes. Avoid inhalation of the product. Remove ignition sources. No open flames. No smoking.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2 Environmental precautions:

Do not allow to enter drains or water courses.

6.3 Methods and material for containment and cleaning up:**For containment:**

For further information refer to section 8: "Exposure controls/personal protection". Cover spill with non combustible material, e.g.: sand, earth, vermiculite. Collect spillage.

Other information:

Dispose of materials or solid residues at an authorized site.

6.4 Reference to other sections:

For further information refer to section 13.

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:

Do not breathe vapours. Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures:

Wear personal protective equipment.

7.2 Conditions for safe storage, including any Incompatibilities

Technical measures:

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.

Storage conditions:

Store in original container. Store in a dry place. Store in a closed container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible products:

Oxidizing agent. Strong acids. Strong bases.

Storage temperature:

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

Xylene isomer mixture (self classification) (1330-20-7)

EU - Indicative Occupational Exposure Limit (IOEL)

IOEL TWA [ppm]	50 ppm
IOEL STEL	442 mg/m ³
IOEL STEL [ppm]	100 ppm
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC

United Kingdom - Occupational Exposure Limits

WEL TWA (OEL TWA) [1]	220 mg/m ³
WEL TWA (OEL TWA) [2]	50 ppm
WEL STEL (OEL STEL)	441 mg/m ³
WEL STEL (OEL STEL) [ppm]	100 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

United Kingdom - Biological limit values

BMGV	≈ 650 mmol/mol Creatinine
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

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

Provide local exhaust or general room ventilation. 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. Wear personal protective clothing (see chapter 8). Ensure control measures are regularly inspected and maintained. Ensure the ventilation system is regularly maintained and tested.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses (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). VITON gloves

Other skin protection

Materials for protective clothing:

Use protective clothing. protective footwear

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)**8.2.2.3. Respiratory protection**

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Extra personal protection: A/P2 filter respirator for organic vapour and harmful dust. Wear respiratory protection.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Keep container tightly closed. Do not exceed the occupational exposure limits (OEL).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties:**

Physical state:	Liquid
Colour:	Amber
Appearance:	Viscous liquid
Odour:	Not available
Odour threshold:	Not available
Melting point:	Not available
Freezing point:	Not available
Boiling point:	Not available
Flammability:	Not available
Lower explosion limit:	Not available
Upper explosion limit:	Not available
Flash point:	~ 28°C Closed cup.
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
pH:	Technically not feasible.
Viscosity, kinematic:	> 20.5 mm ² /s
Solubility:	Material insoluble in water.
Partition coefficient n-octanol/water (Log Kow):	Not available
Vapour pressure:	Not available
Vapour pressure at 50°C:	Not available
Density:	Not available
Relative density:	≈ 0.95 @ 20°C
Relative vapour density at 20°C:	Not available
Particle characteristics:	Not applicable

9.2 Other information**9.2.1. Information with regard to physical hazard classes**

No additional information available

9.2.2. Other safety characteristics

VOC content:

< 499 g/l

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 of use.

10.3 Possibility of hazardous reactions:

No additional information available

10.4 Conditions to avoid:

No flames, no sparks. Eliminate all sources of ignition.

10.5 Incompatible materials:

Strong acids. Strong bases. Oxidizing agent.

10.6 Hazardous decomposition products:

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

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects:**

Acute toxicity (oral):	Not classified
Acute toxicity (dermal):	Not classified
Acute toxicity (inhalation):	Harmful if inhaled.

515/Q113 - HIGH PERFORMANCE 2 PACK ZINC PHOSPHATE PRIMER - ACTIVATOR FOR GREY)

ATE CLP (dust,mist)	3.296 mg/l/4h
---------------------	---------------

Xylene isomer mixture (self classification) (1330-20-7)

LD50 oral rat	3523 mg/kg
LD50 dermal rat	1100 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:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified

SECTION 11: TOXICOLOGICAL INFORMATION (continue)

Reproductive toxicity: Not classified
STOT-single exposure: May cause respiratory irritation

Xylene isomer mixture (self classification) (1330-20-7)

STOT-single exposure: May cause respiratory irritation.
STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure.

Xylene isomer mixture (self classification) (1330-20-7)

STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard: Not classified

515/Q113 - HIGH PERFORMANCE 2 PACK ZINC PHOSPHATE PRIMER - ACTIVATOR FOR GREY

Viscosity, kinematic: > 20.5 mm²/s

11.2. Information on other hazards: No additional information available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Hazardous to the aquatic environment, short-term (acute): Not classified
Hazardous to the aquatic environment, long-term (chronic): Harmful to aquatic life with long lasting effects.
(chronic) Not rapidly degradable:

Xylene isomer mixture (self classification) (1330-20-7)

LC50 - Fish [1]	2.6 mg/l Rainbow Trout
EC50 - Crustacea [1]	1 - 5 mg/l Daphnia Magnia
EC50 72h - Algae [1]	3 - 5 mg/l Algae
NOEC chronic crustacea	1.91 mg/l EC10 21 Day Daphnia Magnia

12.2 Persistence and Degradation: 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
12.6 Endocrine disrupting properties: No additional information available
12.7 Other adverse effects: No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations: Do not discharge into drains or rivers.
Product/Packaging disposal recommendations: Completely empty the packaging prior to decontamination.
Additional information: Handle empty containers with care because residual vapours are flammable.
Ecology - waste materials: Avoid release to the environment.
European List of Waste (LoW) code: 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances
15 01 01 - paper and cardboard packaging
15 01 02 - plastic packaging

HP Code:

HP3 - "Flammable:"
– flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
– flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
– flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
– flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
– water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
– other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.
HP4 - "Irritant – skin irritation and eye damage:" Waste which on application can cause skin irritation or damage to the eye.
HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" Waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.
HP6 - "Acute Toxicity:" Waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.
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

SECTION 14: TRANSPORT INFORMATION (continue)				
ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 1263	UN 1263	UN 1263	UN 1263	UN 1263
14.2. UN proper shipping name				
PAINT	PAINT	PAINT	PAINT	PAINT
Transport document description				
UN 1263 PAINT, 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT, 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1263 Paint, 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
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 available				
14.6 Special precautions for user Overland transport Classification code (ADR): F1 Special provisions (ADR): 163, 367, 650 Limited quantities (ADR): 5I Excepted quantities (ADR): E1 Packing instructions (ADR): P001, IBC03, LP01, R001 Special packing provisions (ADR): PP1 Mixed packing provisions (ADR): Portable tank MP19 and bulk container instructions (ADR): T2 Portable tank and bulk container special provisions (ADR): TP1, TP29 Tank code (ADR): LGBF Vehicle for tank carriage: FL Transport category (ADR): 3 Special provisions for carriage - Packages ADR: V12 Special provisions for carriage - Operation (ADR): S2 Hazard identification number (Kemler No.): 30 Orange plates:   Tunnel restriction code (ADR): D/E EAC code: •3Y Transport by sea Special provisions (IMDG): 163, 223, 367, 955 Limited quantities (IMDG): 5 L Excepted quantities (IMDG): E1 Packing instructions (IMDG): P001, LP01 Special packing provisions (IMDG): PP1 IBC packing instructions (IMDG): IBC03 Tank instructions (IMDG): T2 Tank special provisions (IMDG): TP1, TP29 EmS-No. (Fire): F-E EmS-No. (Spillage): S-E Stowage category (IMDG): A Properties and observations (IMDG): Miscibility with water depends upon the composition. Air transport PCA Excepted quantities (IATA): E1 PCA Limited quantities (IATA): Y344 PCA limited quantity max net quantity (IATA): 10L PCA packing instructions (IATA): 355 PCA max net quantity (IATA): 60L CAO packing instructions (IATA): 366				

SECTION 14: TRANSPORT INFORMATION (continue)**Air transport (cont)**

CAO max net quantity (IATA):	220L
Special provisions (IATA):	A3, A72, A192
ERG code (IATA):	3L

Inland waterway transport

Classification code (ADN):	F1
Special provisions (ADN):	163, 367, 650
Limited quantities (ADN):	5 L
Excepted quantities (ADN):	E1
Equipment required (ADN):	PP, EX, A
Ventilation (ADN):	VE01
Number of blue cones/lights (ADN):	0

Rail transport

Classification code (RID):	F1
Special provisions (RID):	163, 367, 650
Limited quantities (RID):	5L
Excepted quantities (RID):	E1
Packing instructions (RID):	P001, IBC03, LP01, R001
Special packing provisions (RID):	PP1
Mixed packing provisions (RID):	MP19
Portable tank and bulk container instructions (RID):	T2
Portable tank and bulk container special provisions (RID):	TP1, TP29
Tank codes for RID tanks (RID):	LGBF
Transport category (RID):	3
Special provisions for carriage – Packages (RID):	W12
Colis express (express parcels) (RID):	CE4
Hazard identification number (RID):	30

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 (SvVHC):	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)

VOC Directive (2004/42)

VOC content:	< 499 g/
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
DNEL	Derived-No Effect Level
LC50	Median lethal concentration
PBT	Persistent Bioaccumulative Toxic

SECTION 16: OTHER INFORMATION (continue)

REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet
VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class
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
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

Rev: 22/10/2025

Version 1

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