Smartkote

SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

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

1.1 Product identifier

- Product Name: Zn RICH 2K POLYURETHANE PRIMER PART A
- UFI: Not available
- Product Part Number: 139

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

- Use of the substance/mixture: Solvent based dual component zinc based primer, Part A.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: ZEST POLYURETHANES
- Address of Supplier: 13 Alternator Avenue
  Montague Gardens
  Cape Town
  7441
- Telephone: +27 (021) 555-3090
- Email: zesttechnical@duram.co.za

1.4 Emergency telephone number

- Emergency Telephone: +49-228-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Flam. Liq. 3, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, STOT RE 2, Aquatic Chronic 2

2.2 Label elements



GHS02



GHS08



GHS09



GHS07

- Signal Word: Warning

2.2.1 Hazard statements

H226 - Flammable liquid and vapour.
H335 - May cause respiratory irritation.

SECTION 2: Hazards identification (....)

H373 - May cause damage to organs through prolonged or repeated exposure.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H411 - Toxic to aquatic life with long lasting effects.
EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

2.2.2 Precautionary statements

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P203 - Obtain, read and follow all safety instructions before use.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground and bond container and receiving equipment.
P241 - Use explosion-proof equipment.
P242 - Use non-sparking tools.
P243 - Take action to prevent static discharges.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash hands and skin thoroughly after handling.
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 [or shower].
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P314 - Get medical advice/attention if you feel unwell.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: use foam, carbon dioxide or dry agent to extinguish.
P391 - Collect spillage.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/containers in accordance with local regulation.

2.3 Other hazards

- No hazard expected under normal conditions of use.

SECTION 3: Composition/information on ingredients

3.1 Substances

- Not applicable

3.2 Mixtures

SECTION 3: Composition/information on ingredients (....)

3.2.1 xylene

CAS Number:	1330-20-7
EC Number:	215-535-7
Concentration:	30-45%
Specific Concentration Limits:	Not available
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Flam. Liq. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1
Symbols:	GHS02;GHS07
H Statements:	H226;H332;H312;H315
REACH Registration Number:	01-2119488216-32

3.2.2 pyrophyllite

CAS Number:	12269-78-2
EC Number:	602-803-7
Concentration:	10-15%
Specific Concentration Limits:	Not available
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Eye Irrit. 2
Symbols:	GHS07
H Statements:	H319

3.2.3 ethylbenzene

CAS Number:	100-41-4
EC Number:	202-849-4
Concentration:	5-10%
Specific Concentration Limits:	Not available
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Flam. Liq. 2, Acute Tox. 4, STOT RE 2, Asp. Tox. 1
Symbols:	GHS02;GHS07;GHS08
H Statements:	H225;H332;H304;H373

3.2.4 titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]

CAS Number:	13463-67-7
EC Number:	236-675-5
Concentration:	5-10%
Specific Concentration Limits:	Not available

SECTION 3: Composition/information on ingredients (....)

M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Carc. 2
Symbols:	GHS08
H Statements:	H351
REACH Registration Number:	01-2119489379-17

3.2.5 trizinc bis(orthophosphate)

CAS Number:	7779-90-0
EC Number:	231-944-3
Concentration:	3-7%
Specific Concentration Limits:	Not available
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Aquatic Acute 1, Aquatic Chronic 1
Symbols:	GHS09
H Statements:	H400;H410

3.2.6 zinc oxide

CAS Number:	1314-13-2
EC Number:	215-222-5
Concentration:	1-3%
Specific Concentration Limits:	Not available
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Aquatic Acute 1, Aquatic Chronic 1
Symbols:	GHS09
H Statements:	H400;H410

3.2.7 3-aminopropyltriethoxysilane

CAS Number:	919-30-2
EC Number:	213-048-4
Concentration:	<2%
Specific Concentration Limits:	Not available
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Acute Tox. 4, Skin Corr. 1B
Symbols:	GHS05;GHS07
H Statements:	H302;H314

3.2.8 4-isocyanatosulphonyltoluene

SECTION 3: Composition/information on ingredients (....)

CAS Number:	4083-64-1
EC Number:	223-810-8
Concentration:	<0.5%
Specific Concentration Limits:	Not available
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, STOT SE 3
Symbols:	GHS08;GHS07
H Statements:	H335;H315;H319;H334;EUH014
REACH Registration Number:	01-2119980050-47

3.2.9 solvent naphtha (petroleum), light arom.

CAS Number:	64742-95-6
EC Number:	265-199-0
Concentration:	<0.3%
Specific Concentration Limits:	Not available
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Muta. Cat. 1B, Carc. 1B, Asp. Tox. 1
Symbols:	GHS08
H Statements:	H350;H340;H304

Any concentrations shown as a range is to protect confidentiality and/or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentration applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

- IF exposed or concerned: Get medical advice/attention.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

- May cause respiratory irritation.
- May cause damage to organs through prolonged or repeated exposure.
- Causes skin irritation.
- Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

SECTION 4: First aid measures (....)

- Get medical advice/attention if you feel unwell.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- In case of fire: use foam, carbon dioxide or dry agent to extinguish.
- Fog to cool and control.
- Do not use water jets.

5.2 Special hazards arising from the substance or mixture

- Flammable liquid and vapour.
- Hazardous decomposition products such as carbon monoxide, carbon dioxide, oxides of nitrogen and smoke may be produced.

5.3 Advice for firefighters

- Wear protective equipment and respirators.
- Blown or distorted containers should be handled with extreme caution.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Eliminate every possible source of ignition (open fire, sparks, smoking, ...). Evacuate all personnel immediately and ventilate area. Avoid breathing vapour and contact with skin, eyes and clothing. Wear recommended personal protective equipment.
- Keep people and animals away.

6.2 Environmental precautions

- Contain spillage by any means possible.
- Do not allow to enter public sewers and watercourses.
- MAJOR SPILLAGE: Contain and collect spilled product using a suitable adsorbent material. Shovel material into a clean, dry, labelled container and close lid. Consult your local waste authority for advice on disposal.
- MINOR SPILLAGE: Mop up spill. Wash residues away with water and detergent.

6.3 Methods and material for containment and cleaning up

- Ensure adequate ventilation.
- Collect the spillage in closable, suitable disposal containers. Clean up any spills as soon as possible, using an inert absorbent material. Residue is to be washed down with plenty of water.

6.4 Reference to other sections

- See section 7 for information on safe handling.
- See section 8 for information on personal protection equipment.
- See section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

SECTION 7: Handling and storage (....)

- Flammable.
- Do not handle until all safety precautions have been read and understood.
- Keep away from sources of ignition - No Smoking.
- Wash contaminated clothing before reuse.
- Dispose of contents/container to an authorised waste collection point.

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed, in a cool, well-ventilated place.
- Store separately from any reactive substances, especially oxidisers.

7.3 Specific end use(s)

- Follow the Manufacturer's recommended uses and procedures for this product.
- Opened containers should be carefully resealed and stored in an upright position.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 xylene

DNEL (Industry; inhalational, long term local effects): 221 mg/m³
DNEL (Industry; inhalational, short term systemic effects): 442 mg/m³
DNEL (Industry; inhalational, long term systemic effects): 221 mg/m³
DNEL (Industry; dermal, long term systemic effects): 212 mg/kg
DNEL (Industry; inhalational, short term local effects): 442 mg/m³
DNEL (Consumer; inhalational, short term local effects): 260 mg/m³
DNEL (Consumer; inhalational, short term systemic effects): 260 mg/m³
DNEL (Consumer; inhalational, long term local effects): 65.3 mg/m³
DNEL (Consumer; dermal, long term systemic effects): 125 mg/kg
DNEL (Consumer; inhalational, long term systemic effects): 65.3 mg/m³
DNEL (Consumer; oral, long term systemic effects): 12.5 mg/kg

8.1.2 ethylbenzene

DNEL (Industry; inhalational, short term local effects): 884 mg/m³
DNEL (Industry; inhalational, long term systemic effects): 442 mg/m³
DNEL (Industry; inhalational, short term systemic effects): 884 mg/m³
DNEL (Industry; inhalational, long term local effects): 442 mg/m³
DNEL (Industry; dermal, long term systemic effects): 180 mg/kg
DNEL (Consumer; oral, long term systemic effects): 1.6 mg/kg
DNEL (Consumer; inhalational, long term systemic effects): 15 mg/m³

8.1.3 titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]

DNEL (Industry; inhalational, long term local effects): 10 mg/m³
DNEL (Consumer; oral, long term systemic effects): 700 mg/kg bw/day

8.1.4 trizinc bis(orthophosphate)

DNEL (Industry; inhalational, long term systemic effects): 5 mg/m³
DNEL (Industry; dermal, long term systemic effects): 83 mg/kg bw/day

SECTION 8: Exposure controls/personal protection (....)

DNEL (Consumer; inhalational, long term systemic effects): 2.5 mg/m³
DNEL (Consumer; dermal, long term systemic effects): 83 mg/kg bw/day
DNEL (Consumer; oral, long term systemic effects): 0.83 mg/kg bw/day

8.1.5 zinc oxide

DNEL (Industry; inhalational, long term local effects): 0.5 mg/m³
DNEL (Industry; inhalational, long term systemic effects): 5 mg/m³
DNEL (Industry; dermal, long term systemic effects): 83 mg/kg bw/day
DNEL (Consumer; inhalational, long term systemic effects): 2.5 mg/m³
DNEL (Consumer; dermal, long term systemic effects): 83 mg/kg bw/day
DNEL (Consumer; oral, long term systemic effects): 830 mg/kg bw/day

8.1.6 3-aminopropyltriethoxysilane

DNEL (Industry; dermal, short term systemic effects): 8.3 mg/kg bw/day
DNEL (Industry; inhalational, short term systemic effects): 59 mg/m³
DNEL (Industry; dermal, long term systemic effects): 8.3 mg/kg bw/day
DNEL (Industry; inhalational, long term systemic effects): 59 mg/m³
DNEL (Consumer; dermal, short term systemic effects): 5 mg/kg bw/day
DNEL (Consumer; inhalational, short term systemic effects): 17.4 mg/m³
DNEL (Consumer; oral, short term systemic effects): 5 mg/kg bw/day
DNEL (Consumer; dermal, long term systemic effects): 5 mg/kg bw/day
DNEL (Consumer; inhalational, long term systemic effects): 17 mg/m³
DNEL (Consumer; oral, long term systemic effects): 5 mg/kg bw/day

8.1.7 4-isocyanatosulphonyltoluene

DNEL (Consumer; dermal, long term systemic effects): 0.46 mg/kg bw/day
DNEL (Consumer; inhalational, long term systemic effects): 0.8 mg/m³
DNEL (Consumer; oral, long term systemic effects): 0.46 mg/kg bw/day
DNEL (Industry; dermal, long term systemic effects): 0.92 mg/kg bw/day
DNEL (Industry; inhalational, long term systemic effects): 3.24 mg/m³

8.1.8 solvent naphtha (petroleum), light arom.

DNEL (Consumer; dermal, long term systemic effects): 11 mg/kg
DNEL (Industry; dermal, long term systemic effects): 25 mg/kg
DNEL (Consumer; inhalational, long term systemic effects): 32 mg/m³
DNEL (Industry; inhalational, long term systemic effects): 150 mg/m³
DNEL (Consumer; oral, long term systemic effects): 11 mg/kg

8.2 Exposure controls


Gloves


Boots


Goggles


Respirator

- Observe normal rules of hygiene, wash hands and skin before eating, drinking or smoking.
- Wear suitable protective clothing, eye/face protection.
- The selection of personal protective equipment depends on marks of quality, which may vary from manufacturer to manufacturer.

SECTION 8: Exposure controls/personal protection (....)

- The resistance of the glove has to be checked prior to application. For penetration of the glove material, observe the breakthrough time supplied by the manufacturer.
- In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: liquid
- Colour: cream
- Odour: aromatic odour
- Melting point/Range: <0°C
- Boiling Point/Range: <140°C
- Flammability: flammable
- pH: not applicable
- Solubility in water: immiscible with water
- Density: 1.6 g/cm³ at 20 °C
- Viscosity: 200-600 centipoise at 20 °C
- Flashpoint: 27°C

9.2 Other information

- Please see Technical Data Sheet (TDS) for further information.

SECTION 10: Stability and reactivity

10.1 Reactivity

- Static discharge hazard.
- Stable under normal conditions of use.

10.2 Chemical stability

- Stable if stored under recommended conditions.

10.3 Possibility of hazardous reactions

- No dangerous reactions known under conditions of normal use.

10.4 Conditions to avoid

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Avoid contact with alkalis (strong bases).
- Keep in a cool, dry, well-ventilated place.

10.5 Incompatible materials

- Incompatible with oxidizing substances.

10.6 Hazardous decomposition products

- In case of fire and/or explosion do not breathe fumes.

SECTION 10: Stability and reactivity (....)

- Hazardous decomposition products such as carbon monoxide, carbon dioxide, oxides of nitrogen and smoke may be produced.
- No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

11.1.1 Acute toxicity

Estimated LD_{50} (oral) (ATE) : 25906.74 mg/kg
Estimated LD_{50} (dermal) (ATE) : 2519.134 mg/kg
Estimated LD_{50} (inhalational) (ATE) : 21.5459 mg/l/4hr (gas/vapour)

11.1.1.1 xylene

LD_{50} (oral, rat): 3523 mg/kg male
LD_{50} (dermal, rabbit): >4200 mg/kg

11.1.1.2 ethylbenzene

LD_{50} (oral, rat): 3500 mg/kg
LD_{50} (dermal, rabbit): 15400 mg/kg
LC_{50} (inhalation, rat): 17.8 mg/l 4h vapour

11.1.1.3 titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]

LD_{50} (oral, rat): >5000 mg/kg

11.1.1.4 trizinc bis(orthophosphate)

LC_{50} (inhalation, rat): >5.7 mg/l/4h
LD_{50} (oral, rat): >5000 mg/kg body weight

11.1.1.5 zinc oxide

LD_{50} (oral, rat): >2000 mg/kg
LD_{50} (skin, rat): >2000 mg/kg
LC_{50} (inhalation, rat): >5.7 mg/l/4h

11.1.1.6 3-aminopropyltriethoxysilane

LD_{50} (oral, rat): 1490 mg/kg
LD_{50} (dermal, rabbit): 4076 mg/kg

11.1.1.7 solvent naphtha (petroleum), light arom.

LD_{50} (oral, rat): 3492 mg/kg
LD_{50} (dermal, rabbit): >3160 mg/kg
LC_{50} (inhalation, rat): >6193 mg/m³

11.1.2 Skin corrosion/irritation

SECTION 11: Toxicological information (....)

Causes skin irritation.

11.1.3 Serious eye damage/irritation

Causes serious eye irritation.

11.1.4 Respiratory or skin sensitisation

May cause respiratory irritation.

11.1.5 Germ cell mutagenicity

No known effects.

11.1.6 Carcinogenicity

No known effects.

11.1.7 Reproductive toxicity

No evidence of reproductive effects.

11.1.8 STOT (specific target organ toxicity) - single exposure

May cause damage to organs.

11.1.9 STOT (specific target organ toxicity) - repeated exposure

Causes damage to organs through prolonged or repeated exposure.

11.1.10 Aspiration hazard

No information available but must be considered harmful.

11.2 Information on other hazards

- No further or addtional information available.

SECTION 12: Ecological information

12.1 Toxicity

12.1.1 xylene

EC_{50} (daphnia): 3.82 mg/l (48 hr)
LC_{50} (fish): 2.6 mg/l (96 hr)

12.1.2 xylene

PNEC (Fresh water):	0.327 mg/l
PNEC (Marine water):	0.327 mg/l
PNEC (Sediment; fresh water):	12.46 mg/kg
PNEC (Sediment; marine water):	12.46 mg/kg
PNEC (Soil):	2.31 mg/kg
PNEC (STP):	6.58 mg/l

SECTION 12: Ecological information (....)

12.1.3 ethylbenzene

EC_{50} (daphnia): 1.8-2.4 mg/l (48 hr)
LC_{50} (fish): 4.2 mg/l (96 hr)

12.1.4 zinc oxide

EC_{50} (daphnia): >2.0 mg/l (48 hr)

12.1.5 zinc oxide

PNEC (Fresh water):	20.6 µg/l
PNEC (Marine water):	6.1 µg/l
PNEC (Sediment; fresh water):	117.8 mg/kg dry weight
PNEC (Sediment; marine water):	56.5 mg/kg dry weight
PNEC (Soil):	35.6 mg/kg dry weight
PNEC (STP):	100 µg/l

12.1.6 trizinc bis(orthophosphate)

IC_{50} (algae): 0.136 mg/l (72 hr)
LC_{50} (fish): 0.169 mg/l (96 hr)

12.1.7 trizinc bis(orthophosphate)

PNEC (Fresh water):	20.6 mg/l
PNEC (Marine water):	6.1 µg/l
PNEC (Sediment; fresh water):	117.8 mg/kg dry weight
PNEC (Sediment; marine water):	56.5 mg/kg dry weight
PNEC (Soil):	35.6 mg/kg dry weight
PNEC (STP):	100 µg/l

12.1.8 titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]

EC_{50} (daphnia): >100 mg/l (48 hr)
LC_{50} (fish): >100 mg/l (96 hr)

12.1.9 titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]

PNEC (Fresh water):	1 mg/l
PNEC (intermittent):	0.61 mg/l
PNEC (Marine water):	0.127 mg/l
PNEC (Sediment; fresh water):	1000 mg/kg dry weight
PNEC (Sediment; marine water):	100 mg/kg dry weight
PNEC (Soil):	100 mg/kg dry weight
PNEC (STP):	100 mg/l

12.1.10 3-aminopropyltriethoxysilane

SECTION 12: Ecological information (....)

EC_{50} (daphnia): 331 mg/l (48 hr)
LC_{50} (fish): >934 mg/l (96 hr)

12.1.11 3-aminopropyltriethoxysilane

PNEC (Fresh water):	0.33 mg/l
PNEC (Marine water):	0.033 mg/l
PNEC (Sediment; fresh water):	0.26 mg/kg body weight
PNEC (Soil):	0.04 mg/kg body weight

12.1.12 solvent naphtha (petroleum), light arom.

EC_{50} (daphnia): 3.2 mg/l (48 hr)

12.1.13 4-isocyanatosulphonyltoluene

PNEC (Fresh water):	0.03 mg/l
PNEC (Marine water):	0.003 mg/l
PNEC (Sediment; fresh water):	0.172 mg/kg
PNEC (Sediment; marine water):	0.017 mg/kg
PNEC (Soil):	0.017 mg/kg
PNEC (STP):	0.4 mg/l

12.2 Persistence and degradability

- No information available.

12.3 Bioaccumulative potential

- Low bioaccumulation potential.

12.4 Mobility in soil

- Immiscible with water.

12.5 Results of PBT and vPvB assessment

- Components do not meet the criteria of PBT or vPvB.

12.6 Endocrine disrupting properties

- No known effects or hazards.

12.7 Other adverse effects

- No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Avoid or minimize the generation of waste.
- Packaging waste should be recycled where possible.
- Dispose of contents/container to an authorised waste collection point.

SECTION 14: Transport information



Flammable Liquid

14.1 UN number or ID number

- UN No.: 1263

14.2 UN proper shipping name

- Proper Shipping Name: PAINT RELATED MATERIAL

14.3 Transport hazard class(es)

- Hazard Class: 3

14.4 Packing group

- Packing Group: III

14.5 Environmental hazards

- Marine Pollutant
- Environmentally hazardous

14.6 Special precautions for user

- Warning: Flammable liquids
- Contains: trizinc bis(orthophosphate), tosyl isocyanate.
- Pay special attention to handling and storage requirements.

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

- Refer to current ADR Regulations.
- This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878.

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed.

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- EUH014: Reacts violently with water. H225: Highly flammable liquid and vapour. H226: Flammable liquid and vapour. H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H319:

SECTION 16: Other information (....)

Causes serious eye irritation. H332: Harmful if inhaled. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335: May cause respiratory irritation. H340: May cause genetic defects. H350: May cause cancer. H351: Suspected of causing cancer. 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. GHS07: exclamation mark.

All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

Important Note: The information contained in this SDS is not intended to be exhaustive and believed to be correct at the date of its preparation. It is the user's responsibility to verify that this data sheets is current prior to using the product which is detailed in it. Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to its use. Where those purposes are other than as specifically recommended in this safety data sheet, the user then uses the product at their own risk.

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