

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

1.1. Product identifier

Product name: THERMOCOAT WO ULTIMATE

Product code: PL 2020.08

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

Use of substance / mixture: Water Based Air Drying Intumescent Paint for the protection of structural Steel and cast iron. apply by brush,roller or spray

1.3. Details of the supplier of the safety data sheet

Company name: Thermoguard Ltd
Units B1/B2,Enterprise park
Wigwam Lane
Hucknall
Nottinghamshire
NG15 7SZ
United Kingdom

Tel: 01142 768 008

Fax: 01624 825526

Email: technical@thermoguard.co.uk

1.4. Emergency telephone number

Emergency tel: Thermoguard Ltd, 01624 825 115 (Office Hours Only)
National Emergency Telephone Number :
Members of the public should contact :
111 in UK, 01 809 2166 in the Republic of Ireland

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements:

Precautionary statements: P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read label before use.
P234: Keep only in original packaging.
P260: Do not breathe spray.
P262: Do not get in eyes, on skin, or on clothing.

SAFETY DATA SHEET

THERMOCOAT WO ULTIMATE

Page: 2

P285: In case of inadequate ventilation wear respiratory protection.

P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

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 an approved waste disposal plant.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

CHLOROPROPANOL PHOSPHATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
237-158-7	13674-84-5	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335	2.900%

PROPANE DIOL - REACH registered number(s): 01-2119456809-23-0003

200-338-0	57-55-6	Substance with a Community workplace exposure limit.	-	2.900%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Do NOT use solvent or thinners In all cases of doubt or when symptoms persist. Seek medical attention

Eye contact: Remove contact lenses Bathe the eye with running water for 15 minutes. seek immediate medical advice

Ingestion: Wash out mouth with water. If accidentally swallowed obtain immediate medical attention If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

Inhalation: May cause irritation of the respiratory system Remove to fresh air Keep the patient warm and at rest If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: No data available.

Inhalation: No data available.

[cont...]

SAFETY DATA SHEET

THERMOCOAT WO ULTIMATE

Page: 3

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: THERE IS NO DATA ON THE MIXTURE ITSELF In all cases of doubt, or when symptoms persist seek medical attention. eye washing equipment should be available

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In the event of Fire and/or explosion do NOT breathe Fumes. Decomposition Products may include Carbon Dioxide, Carbon Monoxide and Oxides of Nitrogen & smoke

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Do not allow run off to enter watercourses or drains

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. If the product enters Drains or Water courses, the local water company should be contacted immediately.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Observe label Precautions Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. In case of insufficient ventilation wear suitable respiratory protection Avoid the formation or spread of mists in the air. Always wash your hands before eating, smoking or using the toilet Wear protective gloves, eye and face protection

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SAFETY DATA SHEET
THERMOCOAT WO ULTIMATE

Page: 4

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): the identified uses of this product are detailed in section 1

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

PROPANE DIOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	150 ppm	-	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. where practical by use of local exhaust ventilation

Respiratory protection: in case of insufficient ventilation Respiratory protective device with particle filter. suitable respiratory equipment should be used If spraying respiratory protection will be required

Hand protection: Protective gloves. Breakthrough time of the glove material > 2 hours. the instructions and information provided by the glove manufacturer on use storage maintenance and replacement must be followed

Eye protection: Safety glasses. manufactured and tested to EN 166and designed to protect against splashes Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: Handle in accordance with good industrial hygiene and safety practices

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Odour: Characteristic odour

Solubility in water: Miscible

Viscosity: Viscous

Boiling point/range°C: 100

Vapour pressure: 2.3 kPa @20oC

pH: 8.5

Flash point°C: N/A

Relative density: 1.42

VOC g/l: 20

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SAFETY DATA SHEET
THERMOCOAT WO ULTIMATE

Page: 5

9.2. Other information

Other information: VOC Content: EU limit for this product is(CatA/i) is 500 g/litre

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: No data available.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

PROPANE DIOL

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>20,000	mg/kg
VAPOURS	RBT	1H LC50	317.4	mg/l

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: No data available.

Inhalation: No data available.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other information: In all cases of doubt or where symptoms persist obtain medical attention

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SAFETY DATA SHEET
THERMOCOAT WO ULTIMATE

Page: 6

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

PROPANE DIOL

ALGAE	96H ErC50	19000	mg/l
Ceriodaphnia dubia	48H EC50	18340	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	40613	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Dispose of waste and residues according to local authority requirements Do not allow runoff to sewer, waterway or soil

Recovery operations: not determined

Waste code number: 08 01 12

Disposal of packaging: Drained and rigorously scraped out empty containers are controlled wastes and should be disposed of according with the regulations made under the Control of Pollution Act and Environmental Protection Act

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: This product is subject to classification under the VOC Product Regulations SI 2006 No

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SAFETY DATA SHEET
THERMOCOAT WO ULTIMATE

Page: 7

2773 Regulation(EC) N0 1272/2008 of the European parliament and Council on 18 December 2008 on Classification,labelling,packaging of substances and mixtures amending and repealing Directives 67/548/EEC and 1999/45/EC,and amending Regulation(EC) No1907/2006 The provisions of the Health and Safety at Work Act and the Control of Substances Hazardous to Health Regulations apply to this product The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No2677) with amendments workplace Exposure Limits EH 40 .Chip for Everyone HSG (108) Enviromental protection(duty of Care) regulations and amendments

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Thermoguard H&S Dept