

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

**1.1. Product identifier**

**Product name:** THERMOGUARD THERMOCOAT W FOR STEEL

**Product code:** TG007/C

**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 UK Ltd

Kirkby Street

Hull

HU2 0HE

United Kingdom

**Tel:** 01142 768 008

**Fax:** 01624 825 526

**Email:** [technical@thermoguard.co.uk](mailto:technical@thermoguard.co.uk)

**1.4. Emergency telephone number**

**Emergency tel:** 01624 825 115

(office hours only)

**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:** P102: Keep out of reach of children.

P103: Read label before use.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P262: Do not get in eyes, on skin, or on clothing.

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P285: In case of inadequate ventilation wear respiratory protection.

P301+310: IF SWALLOWED: Immediately call a doctor.

P302+350: IF ON SKIN: Gently wash with plenty of soap and water.

# SAFETY DATA SHEET

## THERMOGUARD THERMOCOAT W FOR STEEL

Page: 2

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P314: Get medical advice/attention if you feel unwell.

P333+313: If skin irritation or rash occurs: Get medical advice/attention.

P403+233: Store in a well-ventilated place. Keep container tightly closed.

P501: Dispose of contents/container to licenced waste disposal company.

### 2.3. Other hazards

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

## 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:** There may be irritation of the throat.

**Inhalation:** No data available.

**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:** In all cases of doubt, or when symptoms persist seek medical attention.

## 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.

[cont...]

**SAFETY DATA SHEET**  
THERMOGUARD THERMOCOAT W FOR STEEL

Page: 3

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** In combustion emits toxic fumes.

**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:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. In case of insufficient ventilation wear suitable respiratory protection Do not handle in a confined space. 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

**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**

**Workplace exposure limits:** No data available.

[cont...]

**SAFETY DATA SHEET**  
THERMOGUARD THERMOCOAT W FOR STEEL

Page: 4

**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 suitable respiratory equipment should be used If spraying respiratory protection will be required

**Hand protection:** Protective gloves. 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

**Flash point°C:** N/A

**Relative density:** 1.35

**pH:** 8.5

**VOC g/l:** 10

**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:** Stable under recommended transport or storage conditions.

**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.

[cont...]

**SAFETY DATA SHEET**  
THERMOGUARD THERMOCOAT W FOR STEEL

Page: 5

**10.5. Incompatible materials**

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

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**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:** There may be irritation of the throat.

**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

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

**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:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Waste code number:** 08 01 12

**Disposal of packaging:** Dispose of as normal industrial waste.

[cont...]

**SAFETY DATA SHEET**  
THERMOGUARD THERMOCOAT W FOR STEEL

Page: 6

**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 2773 Regulation(EC) N0 1272/2008 of the European parliament and Council on 18 December 2008 on Classification,labelling,packaging of substances and mixtures(as amended)

**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.

**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**