

Product Safety Data Sheet – Structherm R7 Liquid Acrylic

Classification according to Regulation (EC) No 1272/2008

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

Product Range: Structherm R7 Liquid Acrylic

1.2 USE OF SUBSTANCE/PREPARATION

Acrylic emulsion used to improve the adhesion of Structherm Renders to difficult substrates. The R7 Acrylic is normally used diluted as a priming coat, gauging liquid or stipple coat

1.3 COMPANY/UNDERTAKING IDENTIFICATION

Structherm Limited
Bent Ley Road
Meltham
Holmfirth
HD9 4AP

Emergency Telephone:

UK Emergency Number **999** European Emergency Number **112**

Emergency Action:

In the event of a medical enquiry involving this product, contact your doctor or local hospital A&E department.

2. HAZARD IDENTIFICATION

2.1 Not classified as a hazardous substance according to EC classification.

2.2 LABEL ELEMENTS

HAZARD STATEMENTS:

None

PRECAUTIONARY STATEMENTS:

P102: Keep out of reach of children






P280: Wear eye protection

Signal words: Warning

3. COMPOSITION/INFORMATION ON INGREDIENTS

Aqueous dispersion of a polymer based on acrylic ester and styrene

4. FIRST AID MEASURES

4.1		If contacting a physician, take this product safety data sheet with you
4.2		After skin contact: Wash exposed area with soap and water. Remove contaminated clothing. Get medical advice if irritation occurs
4.3		After significant ingestion: Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth immediately with plenty of water. Seek medical advice.
4.4		After significant inhalation: Move person to fresh air. Seek medical treatment if irritation or discomfort occurs
4.5		After contact with eyes: Irrigate eyes with isotonic eye wash or clean water (remove contact lens if applicable) for at least 15 minutes. Obtain medical advice.

5. FIRE FIGHTING MEASURES

5.1	FLAMMABILITY	Aqueous solution.
5.2	FIRE FIGHTING MEDIA	Water, spray jet, extinguishing powder, CO ₂ , foam. Use most appropriate measure or media to extinguish surrounding fire.
5.3	EXPLOSION	Not considered to be an explosion hazard
5.4	COMBUSTION PRODUCTS	In case of fire toxic fumes may be generated
5.5	SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS	Wear self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

6.1	PERSONAL PRECAUTIONS	Wear protective clothing to avoid contact with skin.
6.2	ENVIRONMENTAL PRECAUTIONS	Prevent from spreading; do not allow product to reach surface water
6.3	METHODS FOR CLEANING UP	Soak up with inert absorbent materials (sands, sawdust, general purpose binders) and dispose of as chemical waste in accordance with local regulations. Keep in suitable closed containers for disposal. For residues rinse with water.

7. HANDLING AND STORAGE






7.1	HANDLING	Ensure adequate ventilation. Do not contaminate foodstuffs, eating utensils or food contact surfaces Wash hands and exposed skin before meals and after use.
7.2	STORAGE	Keep in a safe place Keep in original packaging Keep in a cool, well ventilated area Protect from frost Protect from direct sunlight
7.3	PRODUCT SPECIFIC	Always read the label and product information before use

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

WORKPLACE EXPOSURE LIMITS: None documented

8.2 EXPOSURE CONTROLS

8.2.1		General Avoid contact with skin and eyes. Wear personal protective equipment and wash exposed skin and face after use.
8.2.1a		Respiratory Protection Ensure adequate ventilation
8.2.1b		Hand Protection Handle with impermeable gloves; avoid skin contact with this product
8.2.1c		Eye Protection Wear tight fitting safety goggles approved to EN 166 or equivalent national standard. Avoid contact with the eyes.
8.2.1d		Skin Protection Use appropriate closed long sleeved protective clothing. Suitable safety footwear should be used.
8.2.2		Environmental exposure controls Prevent release to the environment Follow best practice for site management and disposal of waste

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	Appearance	Thick white liquid
	Odour	Faint
	pH:	7.0 to 8.5
	Boiling point/range°C:	~100°C
	Flammability:	The product is not self-igniting
	Explosive Properties:	The product is not explosive
	Relative Density	~1.04
	Solubility	Miscible in water

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions of use and storage

10.1 CONDITIONS TO AVOID The product is stable in normal use

10.2 MATERIALS TO AVOID The product should not be mixed or diluted with other chemicals other than those identified in the product data sheet

10.3 HAZARDOUS DECOMPOSITION PRODUCTS

Decomposition None if storage and handling is carried out as specified

11. TOXICOLOGICAL INFORMATION

11.1 ACUTE TOXICITY

No recorded information

12. ECOLOGICAL INFORMATION

12.1 ECOTOXICITY

Toxicity to fish: OECD Guideline 203 static
Brachydanio rerio/LC50 (96 h): > 100 mg/l

Aquatic invertebrates: OECD Guideline 202, part 1 static
Daphna magna/EC50 (48 H): >100 mg/l

Aquatic plants: OECD Guideline 201
Scenedesmus subspicatus/EC50 (72H): >100 mg/l

Micro organisms/effect on activated sludge: DIN/EN/ISO 8192-OECD 209-88/302/EEC, P.C Activated sludge, domestic/EC20 (0.5 H): > 100 mg/l

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.
Prevent contamination of soil, drains and surface water.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

14. TRANSPORT INFORMATION

Classification Not classified as hazardous for air, sea or road freight.

15. REGULATORY INFORMATION

Product Name Structherm R7 Liquid Acrylic.
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16. OTHER INFORMATION

16.1 PRECAUTIONARY STATEMENTS

P120 Keep out of reach of children
P280 Wear eye protection

16.2 FURTHER INFORMATION

For technical advice contact our technical team:
Email: info@structherm.co.uk

Tel: 01484 850098
Web: www.structherm.co.uk

This safety data sheet is supplementary to other technical instruction and data sheets and does not replace them. The information is based on data currently available and is correct to the best of our knowledge at the time of publication. This information is given as a guidance in assessing safe handling, storage and use. Recipients of the product must take responsibility for the safe use and disposal of product observing existing laws and regulations.