

Safety Data Sheet

PU THICKENING AGENT

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

1.1. Product identifier

Trade name SIGnature PU Thickening Agent
Stock codes 10585100

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

Use Revolutionary Rheology modification additive for SIGnature PU-10 & PU-20 Liquid Coating

1.3. Details of the supplier of the safety data sheet

Company identification SIG Roofing Design Technology
Mannheim House
Gelders Hall Road, Shepshed
Leicestershire LE12 9NH
Tel: 08445 766 760

1.4. Emergency telephone number

08445 766 760

2 Hazards identification

2.1. Classification of the substance or mixture

2.2. Label elements

S Phrase(s) S2: Keep out of the reach of children.
 S40: To clean the floor and all objects contaminated by this material, use xylene.
 S46: If swallowed seek medical advice immediately and show this container or label.

General 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.

3 Composition/information on ingredients

Substance / Preparation : Preparation

4 First aid measures

4.1. Description of first aid measures

Inhalation	: Assure fresh air breathing. Allow the victim to rest.
Skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
Ingestion	: Do not induce vomiting. Obtain emergency medical attention.

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

Symptoms relating to use	: Not expected to present a significant hazard under anticipated conditions of normal use.
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4.3. Indication of any immediate medical attention and special treatment needed

General information	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
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5 Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Foam : Water spray. Dry powder. Carbon dioxide. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
Surrounding fires	: Use water spray or fog for cooling exposed containers.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	: Under fire conditions, hazardous fumes will be present.
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5.3. Advice for fire-fighters

Protection against fire	: Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures	: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For emergency responders	: Equip clean-up crew with proper protection. Ventilate area.
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6.2. Environmental precautions

Environmental precautions	: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
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6.3. Methods and material for containment and cleaning up

Clean up methods	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spills and put it into appropriated container.
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6.4. Reference to other sections

7 Handling and storage

7.1. Precautions for safe handling

Technical protective measures	Provide good ventilation in process area to prevent formation of vapour. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	: Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.
Storage - away from	: Strong bases. Strong acids. Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

8 Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Personal protection	: Avoid all unnecessary exposure.
Respiratory protection	: Where excessive vapour may result, wear approved mask.
Hand protection	: In case of repeated or prolonged contact wear gloves.
Eye protection	: Chemical goggles or safety glasses.
Others	: When using, do not eat, drink or smoke.

9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Paste
Colour	: White
Odour	: Odourless
pH value:	: Not applicable
Decomposition point [°C]:	: No data available
Critical temperature [°C]:	: No data available
Auto-ignition temperature [°C]:	: Not applicable
Flash point [°C]:	: Not applicable
Initial boiling point [°C]:	: No data available
Final boiling point [°C]:	: No data available
Explosion limits - lower [%]:	: Not applicable
Explosion limits - upper [%]:	: Not applicable
Vapour pressure mm/Hg:	: No data available
Density [g/cm ³]:	: 1.8-1.9
Solubility in water [% weight]:	: No data available
Solubility:	: Organic solvents
Viscosity at 20°C [mPa.s]:	: 7800

9.2. Other information

10 Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability	: Stable under recommended storage conditions.
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10.3. Possibility of hazardous reactions

Hazardous reactions	: Not established.
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10.4. Conditions to avoid

Conditions to avoid	: Extreme humidity. Extremely high or low temperatures. Direct sunlight.
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10.5. Incompatible materials

Materials to avoid	: Strong acids. Strong bases.
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10.6. Hazardous decomposition products

Hazardous decomposition products	: Fumes, Carbon monoxide, Carbon dioxide.
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11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not established.
Sensitization	: Not established.
Mutagenicity	: Not established.
Carcinogenicity	: Not established.
Toxic for reproduction	: Not established.

12 Ecological information

12.1. Toxicity

Toxicity information	: The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.
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12.2. Persistence - degradability

Persistence - degradability	: No data available.
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12.3. Bioaccumulative potential

Bioaccumulative potential	: No data available.
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12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Environmental precautions	: Avoid release to the environment.
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13 Disposal considerations

13.1. Waste treatment methods

General	: Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.
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14 Transport information

14.1. Land transport (ADR-RID)

General information	: Not regulated.
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14.2. Sea transport (IMDG) [English only]

General information	: Not regulated.
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14.3. Air transport (ICAO-IATA) [English only]

General information	: Not regulated.
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15 Regulatory information

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

REACH Restrictions - Annex XVII	: The components of this product are not subject to restrictions.
REACH Authorisation - Annex XIV	: The components of this product are not subject to authorization.

15.2. Chemical safety assessment

16 Other information

Revision : Revision - See : *

Sources of key data used: : 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

Further information: : None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

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