



Material Safety Data Sheet

Material Safety Data Sheet

STARPROOF PUD-337

Rev.: A, Date: 25.06.2025



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The enclosed Material Safety Data Sheet (MSDS), provides the latest information of products you have received from our company. Since you may redirect the product to more than one workplace, please be ensured that this information is disseminated to all person's handling the product.

This MSDS, supersedes all previous sheets versions provided for the products. This version has either been revised since the last time you purchased the product. Replacement of an old version is highly recommended.

Our MSDS, is the primary awareness tool for transmitting the health and safety, environment and disposal information on our products. In fact, our highest concern and priority is that our customer understands the nature of hazards associated with the product, how to use it safely and in compliance with relevant regulations.

STAR Technology, expects and highly recommends you to read and understand carefully the entire MSDS. There are some very significant information and guidelines you should know and be taken seriously. Strictly, follow the precautions identified and stated on this MSDS. Otherwise, you use conditions would necessitate other's appropriate methods or actions.

STAR Technology, will not be liable for any MSDS obtained through other sources. Always ask STAR for an updated copy of MSDS, for assurance. Should you need any clarifications or inquiries regarding the safety handling, correct storage, proper uses and legal disposal of our products; dont hesitate to contact us.

1. Product & Use & Manufacturer Address

1.1	Product Name	: STARPROOF PUD-337
1.2	Uses of Product	: Single Component Polyurethane-Acrylic Hybrid Waterproofing Coating
1.3	Company	: STAR Technology 1 st Industrial Area Jeddah, P.O. Box , Jeddah, Kingdom of Saudi Arabia Tel: +966 Fax: +966 Email:

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2. Hazardous Ingredients

2.1 Chemical Composition

Chemical	Weights	CAS Number
Branded Polyurethane Dispersion		Proprietary
Calcium Carbonate	30 50 %	CAS Number: 471-34-1
Titanium Dioxide	1 – 5 %	CAS Number: 13463-67-7
Water	10 – 20 %	CAS Number: 7732-18-5
Dibutyl Phthalate	1 – 5 %	CAS Number: 84-74-2

3. Hazardous Identification

3.1	Classification on the substance	CLP: Resp. Sens. 1, Skin Sens. 1, Flam. Liq. 3, Skin Irrit. 2, Eye Dam. 1, Carc. 2, Repr. Cat.
3.2	Label Elements	N/A
3.3	Hazard Statements	H315, H318, H334, H317EUH204, H226, H351, H360FD
3.4	Precautionary statements	P501, P403+P235, P260, P304+P341, P261, P280, P305, P351, P338, P308, P313, P342, P311, P201
3.5	Other hazards	As from 24 August 2023 adequate training is required before industrial or professional use

4. First Aid Measures

4.1	Eye Contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
4.2	Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
4.3	Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Keep affected person under observation. Get medical attention. Show this Safety Data Sheet to the medical personnel.
4.4	Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues

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5. Fire Fighting Measures

5.1	Suitable Extinguishing Media	Carbon dioxide (CO ₂), dry chemical, water fog.
5.2	Special Exposure Hazards	- Burning produces irritating, toxic and obnoxious fumes. - Vapours may form explosive mixtures with air. - Nitrogen and carbon oxides may be formed
5.3	Advice for Fire Fighters	- Wear self contained breathing apparatus and full protective clothing - Do not allow run-off water to enter sewers and water sources. - Water spray should be used to cool containers

6. Accidental Release Measures

6.1	Personal Precautions	Wear suitable protective clothing, hand impervious gloves, eye/face protection gear and protective footwear like rubber boots. Avoid contact with skin, Inhalation
6.2	Environmental Precautions	Prevent release to the environment, entry into drains, sewers and any other water courses.
6.3	Decontamination Procedures	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

7. Handling and Storage

7.1	Handling	Use adequate ventilation. Avoid creating and breathing dust. Avoid prolonged and repeated contacting with eyes and skin.
7.2	Storage	Store in shaded, ventilated and dry place. Keep pails closed when not in use. Keep from freezing and storage temperature between 10 – 35 degrees Celsius. Keep out of reach of children.

8. Exposure Controls / Personal Protection

Exposure Controls:

8.1	Engineering Control Measures	Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.
8.2	Personal Protective Equipment	Avoid skin and eye contact, impervious gloves (eg. nitrile or neoprene), goggles. When mist occurs during spraying operations, wear suitable respiratory protective equipment
8.3	Occupational Exposure Limits	None assigned

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9. Physical and Chemical Properties

9.1	Physical State	Liquid
9.2	Color	Various
9.3	Odor	Slight / Faint
9.4	Boiling Point/Range	N/A
9.5	Melting Point	N/A
9.6	Flash Point	N/A
9.7	Auto Flammability	Non Established
9.8	Explosive Properties	Not explosive
9.9	pH	7.5 – 9.0
9.10	Vapor Pressure	Not Established
9.11	Water Solubility	Emulsion in Water
9.12	Relative Density	1.30 – 1.50
9.13	Viscosity	30,000 – 50,000 Cps (Brookfield RVT-DVII: Spindle 6/20 rpm/25°C

10. Stability and Reactivity

10.1	Reactivity	There are no known reactivity hazards associated with this product.
10.2	Chemical Stability	Stable under recommended storage conditions.
10.3	Possibility of hazardous reactions	Under normal conditions of storage and use, no hazardous reactions will occur.
10.4	Conditions to avoid	Direct sunlight
10.5	Materials to avoid	Strong oxidizing agents.
10.6	Hazardous decomposition products	Does not decompose when used and stored as recommended.

11. Toxicological Information

11.1	General Information	Chemical Name LD50/LC50 (Calcium Carbonate, (rat) Acute toxicity (LD 50) : 6450 mg/Kg, DBP, (rat) (LD50) : 8000 mg/Kg
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12. Ecological Information

Ecotoxicity

12.1	Toxicity	No information available
12.2	Persistence and degradability	No information available
12.3	Bioaccumulative potential	No information available
12.4	Mobility in soil	Emmersible with water
12.5	Results of PBT and vPvB assessment	No information available

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12.6	Endocrine disrupting properties	No information available
12.7	Other adverse effects	No information available

13. Disposal Considerations

Disposal must be in accordance with local and national legislation.

13.1	Unused Product	Dispose of in an approved manner – Licensed Waste Disposal site. Do not empty into drains, sewers or water courses.
13.2	Used / Contaminated Product	As for unused product.
13.3	Packaging	May be steam cleaned and recycled

14. Transport Information

Label: N/A

Proper Shipping Name: Adhesive, Non corrosive liquid, alkaline, inorganic

14.1	Air (ICAO/IATA)	Not classified as dangerous
14.2	Road/Rail (ADR/RID)	Not classified as dangerous
14.3	Sea (IMDG)	Not classified as dangerous

15. Regulatory Information

Hazard Label Data:

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

16. Other Information

The data and advice given apply when the product is used for the stated applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet.

The product should not be used other than for the stated applications without seeking advices from STAR Technology. If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken. This sheet does

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not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

Further copies of this MSDS can be obtained from STAR Technology.

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