



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 PRODUCT IDENTIFICATION

Supershield Elastakote 100

1.2 RECOMMENDED USE

Polyurethane modified waterproofing membrane

1.3 COMPANY IDENTIFICATION

Supershield Private Limited

No 37, 3rd main road, R.A. Puram, Chennai - 600028, India.

Email: contact@supershieldglobal.com

Website: www.supershieldglobal.com

1.4 EMERGENCY TELEPHONE

1-800-425-5505

In times of unavailability, contact your local emergency services.

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Type of product : Mixture

Classification (REGULATION (EC) No 1272/2008)

Skin sensitisation

H317: May cause an allergic skin reaction.

2.2 LABEL ELEMENTS:



Signal Word Warning

2.3 HAZARD STATEMENTS

H317 - May cause an allergic skin reaction.

2.4 PRECAUTIONARY STATEMENTS

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P280 Wear protective gloves/ eye protection/ face protection.

P501 Dispose of contents/container in accordance with local regulation.



2.5 RESPONSIVE PRECAUTIONARY STATEMENTS

P305 + P351 + P338 IF IN EYES- Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

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

P310 Immediately call a POISON CENTRE or doctor / physician.

3. COMPOSITION /INFORMATION ON INGREDIENTS

Hazardous Ingredients	%	CAS. No.	Classification (regulation (EC) No 1272/2008)
2-(2butoxyethoxy)ethanol; diethylene glycol monobutyl ether	2.5% - 5%	112-34-5	Eye Irrit. 2; H319
1-Phenoxypropan-2-ol	1% - 2.5%	770-35-4	Eye Irrit. 2; H319
Titanium dioxide	<15%	13463-67-7	Eye Irrit. 2; H319

4. FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

When seeking medical advice show this safety data sheet to the doctor in attendance.

EYE CONTACT: Flush cautiously with water. Remove any contact lenses, and continue rinsing. Do not rub eyes as this may cause additional irritation or damage. Call for professional medical attention if irritation persists.

SKIN CONTACT: Wash off immediately with soap and plenty of water, remove contaminated clothing, shoes and leather goods. If skin irritation or rash occurs, seek medical advice / attention.

INGESTION: Wash out inside of the mouth with clean water. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Seek immediate professional medical assistance and contact a poison center.

INHALATION: Inhalation is not expected to be a primary route of exposure however, move victim to fresh air.

The product should be used within 12 months of the date of production. Any product that is stacked should be done so in a stable manner, and to a safe height, so that it does not create any risk of product falling and accidentally bursting the packaging open.



4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No specific hazards encountered under normal use.

5. FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment, the product itself does not burn.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

No hazardous combustion products are known.

5.3 ADVICE FOR FIREFIGHTERS

Wear self-contained breathing apparatus and protect clothes. Prior to using the product liaise with local fire authority for confirmation of best and most current form of firefighting equipment for the product.

6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PROTECTIVE MEASURES

Always wear full protective equipment as referred to under Section 8.2.2 to prevent any contamination of skin, eyes, respiratory system and personal clothing.

6.2 ENVIRONMENT PROTECTION MEASURES

Prevent entry into drains, water courses, sewer or confined areas. No special environmental precautions required.

6.3 METHODS FOR CLEANING UP

During cleanup avoid contact with skin and eyes. Take up mechanically with inert absorbent material and collect in suitable containers for disposal. Wear full personal protective equipment when cleaning up, whatever method is chosen. Check current regulations before disposing of spillage, whether in dry state or not.

7. HANDLING AND STORAGE

7.1 HANDLING

At all times avoid contact with skin and eyes. Always wear sufficient and full protective equipment and suitable clothing when handling the product. Do not eat, drink or smoke when handling or applying product. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 STORAGE

P402 + P232 + 233 Store in a dry and well ventilated place which is above 5°C. Keep container tightly closed.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Substance	CAS No	Exposure	Control Parameters	Basis
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	112-34-5	Human inhalation - long term	67.5 mg/ m ³	DNEL

8.2 EXPOSURE CONTROLS

8.2.1 Appropriate Engineering Controls

Provide adequate and suitable ventilation / ventilation equipment when handling product. All ventilation systems should be filtered before discharge to atmosphere.

Do not eat, drink or smoke when working with the product to avoid contact with skin or mouth. Immediately after working with the product, workers should wash or shower or use skin moisturizers. Remove contaminated clothing, footwear, watches, etc. and clean thoroughly before re-using.

8.2.2 Personal Protection Equipment

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

P264 - Wash hands thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

Skin Protection – Use impervious, chemical resistant gloves, enclosed rubber boots that resist powder and liquid penetration, closed long-sleeved impervious protective clothing that protects skin from contact. Close all fittings at opening.

Eye Protection – Wear safety goggles / glasses at all times when handling the product. Ensure the goggles / glasses have suitable side protection.

Respiratory Protection – Respiratory protective equipment must be based on known or anticipated exposure levels and in compliance with relevant national legislation.

8.2.3 Environmental Exposure Controls

No special environmental precautions required.



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color and appearance: White (color variants available)

Odour: Not determined

PH Value: 8.5 - 9.5

Density: 1.25 to 1.30 kg/ltr

Melting Point: No data available

Boiling Point: 100 °C

Flash Point: No data available

Solubility in water: dispersible

Solubility in water: insoluble

10. STABILITY AND REACTIVITY

10.1 REACTIVITY

No dangerous reaction known under conditions of normal use.

10.2 CHEMICAL STABILITY

The product is chemically stable under conditions of use and handling.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reactions known.

10.4 CONDITIONS TO AVOID

No further relevant information available.

10.5 INCOMPATIBLE MATERIALS

No further relevant information available.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

None known.

11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute Oral Toxicity: May cause irritation to the gastrointestinal tract.

Skin Irritation: When skin is exposed to the product thickening, cracking or fissuring of the skin may occur.



Eye Irritation: Direct contact with product may cause corneal damage by mechanical stress, immediate or delayed irritation or inflammation.

Skin Sensitization: Sensitization possible through inhalation.

There is no other toxicological data available for this mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

12. ECOLOGICAL INFORMATION

12.1 ECOTOXICITY

No further relevant information available.

12.2 PERSISTENCE AND DEGRADABILITY

No further relevant information available.

12.3 BIO ACCUMULATIVE POTENTIAL

No further relevant information available.

12.4 MOBILITY IN SOIL

No further relevant information available.

12.5 RESULTS OF PBT AND VPVB ASSESSMENT

This substance/mixture does not contain any substances that are assessed to be PBT or vPvB.

13. DISPOSAL CONSIDERATIONS

13.1 Disposal Procedures: Disposal should be in accordance with local, state and national regulations. Do not allow the product to reach sewage system.

13.2 Packaging: Completely empty packaging and process it according to current regulations.

14. TRANSPORT INFORMATION

Not classified as hazardous for transportation.

15. REGULATORY INFORMATION

Poisons schedule: None allocated

Hazard Category: Irritant

16. OTHER INFORMATION

Full text of H-Statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.



H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Aquatic Chroni. Chronic aquatic toxicity

Eye Irrit. Eye irritation

Skin Irrit. Skin irritation

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty, quality specification or construed as legal advice or as insuring compliance with any federal, state, provincial or local laws or regulations. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.