



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

### 1.1 PRODUCT IDENTIFICATION

Supershield Infron

### 1.2 RECOMMENDED USE

Water based polyurethane coating

### 1.3 COMPANY IDENTIFICATION

Supershield Private Limited

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

Email: [contact@supershieldglobal.com](mailto:contact@supershieldglobal.com)

Website: [www.supershieldglobal.com](http://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

Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Not classified.

### 2.2 LABEL ELEMENTS:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives.

### 2.3 HAZARD STATEMENTS

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.



### 3. COMPOSITION /INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Description: Waterproofing polyurethane solution.

Mixture does not contain any hazardous substances in concentrations higher than the concentration limits according to 453/2010/EC.

Additional information: Contains polyurethane dispersion.

### 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.

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

#### 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.

### 6.2 ENVIRONMENT PROTECTION MEASURES

No special environmental precautions required.

### 6.3 METHODS FOR CLEANING UP

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

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

Keep container tightly closed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

### 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. 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, 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: Not determined

Density: 1.1 to 1.2 kg/ltr

Melting Point: No data available

Boiling Point: 100 °C

Flash Point: Not applicable

Solubility in water: soluble

## 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:

Skin Irritation: No irritant effect.

Eye Irritation: No irritant effect.

Skin Sensitization: No sensitizing effects known.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

## 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.

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**

Observe the general safety regulations when handling chemicals.

**16. OTHER INFORMATION**

None

**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.