

**Product Name:**  
TUFFTEX Silicone Sealer

**Company:** TUFFTEX

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This SDS summarises to the best of our knowledge of the health and safety hazard information of the product, and how to safely handle and use the product in the workplace or site. Each user should read this SDS and consider the information in the context of how the product will be handled and used including in conjunction with other products. If clarification of further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Tufftex.

The responsibility for products sold is subject to Tufftex's standard terms and conditions. A copy of Tufftex's terms and conditions and technical information manuals are available upon request or contained on the Tufftex website.

## 2. COMPOSITION/ INFORMATION ON INGREDIENTS

### INGREDIENTS CAS No CONCENTRATION

Polydimethylsiloxane, Amino functional 10-30%*m/m*

Acrylic Copolymer 30-60%*m/m*

2,2,4, Trimethyl 1-1,3-pentanediol monobutyrate <10%*m/m*

Water 10-60%*m/m*

Other trace compounds and/or impurities. To make 100%*m/m*

**Shipping Name/Other Names:** Silicone Sealer

Acrylic Emulsion Co-polymer

**UN Number:** None

**Dangerous Goods Class:** None

**Subsidiary Risk:** None

**Hazchem Code:** None

**Risk Phrases:** None

**Safety Phrases:** None

**Poison Schedule:** None

Use Clear sealer for masonry substrates

**Directions:** Apply by brush, roller, spray onto a dust-free, sound and clean surface.

### 3. HAZARDS INFORMATION/EMERGENCY OVERVIEW

**Colour:** Milky white

**Physical Description:** Low Viscosity Liquid

**Odour:** Basically odourless

**Major Health Hazards:** No specific health hazards available. Ingredients are not listed as carcinogenic by NOHSC (1995)

**Physical Data:** Product is water based

#### Health Effects

**Acute:** Swallowed May cause irritation to mouth, throat and stomach. May cause nausea and diarrhoea.

**Acute:** Eye Causes eye irritation.

**Acute:** Skin May cause skin irritation.

**Acute:** Inhalation May cause irritation to the respiratory system.

**Chronic:** Not available.

#### Special Health Effects

**Environmental:** Do not allow products to enter drinking water, rivers and streams as it may harm vegetation and wildlife.

### 4. FIRST AID MEASURES

**If Swallowed:** For a conscious patient, rinse the mouth with water and give plenty of water to drink. Seek medical advice immediately.

**Eye Flush:** with copious quantities of water for 15 minutes with eyes open. Seek medical advice.

**Skin:** Wash off with water or preferably use soap and water.

**If Inhaled:** Remove to fresh air. Seek medical advice if symptoms persist.

**Advice to Doctor:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**Fire and Explosion:** Not flammable as supplied. Avoid strong heat sources that are able to boil off the water content.

**Ventilation always:** Have some form of ventilation when using or storing this product.

**Earthing:** Earth the product container if there is a potential for static electricity build up.

**Auto Ignition Temperature:** Only ignites in the presence of a very strong ignition source and only after the water is removed.

**Source of Ignition:** Keep away from open flame, sparks, high sources of heat transmission and static electricity discharge.

**Flash Point:** Not applicable-aqueous product.

**Extinguishing Media:** Use carbon dioxide, dry chemical extinguishers.

**Special Fire Fighting Procedures:** None

**Decomposition Products:** Carbon monoxide, carbon dioxide, nitrogen gases and vapours. Hazardous polymerisation will not occur.

**Upper Exposure Limit:** N/A

**Lower Exposure Limit:** N/A

**Reactivity:** Product may coagulate if in contact with flocculants, for example, organic solvents and/or solvent solutions.

**Protection of Firefighters:** Wear safety boots, non flammable overalls, gloves, safety hat (with face shield) or firefighter helmet (preferred), goggles and self contained breathing apparatus. All skin areas should be covered.

**Drainage Spillage/Disposal:** Block all drains and water courses to inhibit any spillage into them.

## 6. ACCIDENTAL RELEASE MEASURES

Spills and Disposal Spills - should be contained and absorbed with sand, vermiculite, attapulgate or inert material. Place the contaminated material in a plastic or metal container and dispose of it at an industrial waste site. Do not allow the product to enter dams or waterways. Small amounts can cause high turbidity.

Cleaning Protection - Open up the area where spill or leak has occurred to ventilate direct vapours away.

Attach earth leak cables to any containers in the spill area. Have absorbents such as vermiculate, attapulgate, cardboard or sand on hand to control flow of the spilled mobile product. Use wet vacuum cleaner or mop to collect any small spills.

## 7. HANDLING AND STORAGE

**Protection against explosions and fires:** Keep containers on site away from sources of heat, sparks and earth if necessary for static electricity. Use secure locked storage if possible and have forced or natural ventilation over worksite or storage areas.

**Packages:** The product is supplied in high density polypropylene bottles, jerry cans or cubes. Packaging group type II and III.

**Storage:** After decanting from containers, tightly reseal containers and store immediately. Store away from food stuffs. Store in a cool, dry, well ventilated area under cover between 5°C and 30°C. Store containers away from any heat sources, sparks. Do not store with oxidising agents or acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Apply in a well ventilated area either externally or internally.

National occupational exposure limits: No value assigned for this specific material by Safety Work Australia.

### Personal Protective Equipment

**Eye/Face Protection:** Wear safety glasses, goggles or preferably a face shield. In enclosed non ventilated areas, an air-line to full head cover helmet with mask may be necessary. Breathing mask to be suitable for organic vapours.

**Skin/Body Protection:** Wear vinyl, latex or PVC gloves for 8 hour day. Short term protection (1 hour), natural rubber is suitable. Wear full coverall clothing protection with safety boots.

**Hygiene Measure:** Wash hands before meal breaks and at the end of a work period. Any contaminated clothing should be removed. Avoid inhaling any fumes on a long term basis.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Substance Formulation of chemicals

**Physical Form:** Medium viscosity liquid

**Colour:** Milky white

**Odour:** Weak earthy

**Ph:** 8 - 10

**Boiling Point:** 100°C at 760mm Hg

**Melting Point:** Not Applicable

**Flash Point:** Not Applicable

**Freezing Point:** 0°C

**Auto ignition:** Only ignites in the presence of a very strong ignition source and only after the water is removed.

**Water Solubility:** Miscible in liquid form. Insoluble as a dried film.

**Specific Gravity:** 1.05 g/ml

**Volatiles:** Approx 70m/m essentially water

**Corrosivity:** Not Corrosive

## 10. STABILITY AND REACTIVITY

**Stability:** Stable as supplied at normal (average) atmospheric temperatures

**Reactivity:** Product may coagulate if in contact with flocculants, for example, organic solvents and/or solvent solutions.

**Decomposition Products:** Carbon monoxide, carbon dioxide, nitrogen gases and vapours.

Hazardous polymerisation will not occur.

## 11. TOXICOLOGICAL INFORMATION

None Known.

## 12. ECOLOGICAL INFORMATION

None Known.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal:** Allow absorbents to dry out in the open atmosphere. Contaminated product should be re-processed by an approved organisation. Place any dried absorbent in plastic bags, seal and dispose at an approved site.

## 14. TRANSPORT INFORMATION

**Shipping Name:** TUFFTEX Silicone Sealer

**Dangerous Goods Code:** None

**Subsidiary Risk:** None

**UN Number:** None

**Packaging Group:** II or III

**I.E.R.G No:** None

**HAZCHEM:** None

## 15. REGULATORY INFORMATION

None Known

## 16. OTHER INFORMATION

Direction for use are on the label and brochure describing Silicone Sealer.

### DISCLAIMER

This information is based on the present level of knowledge about safety requirements - not specific properties. The listed data is therefore subject to change and revision without notice and cannot be guaranteed. No warranty, expressed or implied is made as to accuracy, reliability or completeness of the detail in this document.

THIS PRODUCT IS NOT A HAZARDOUS SUBSTANCE AS DEFINED BY NOHSC.

### IDENTIFICATION

Product Name: TUFFTEX Silicone Sealer

Creation Date: 18 September 2016

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SDS Responsibility: Tufftex

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