

**MATERIAL SAFETY DATA SHEET****SECTION I**

Dalchem Pty Ltd

ADDRESS: 1/6 Elma Rd Cheltenham, Victoria 3192, Australia

EMERGENCY TELEPHONE #: 0414 746 211

CHEMICAL NAME AND SYNONYMS: ORGANOPOLYSILOXANE MIXTURE

TRADE NAME & SYNONYMS: **Soft Translucent Silicone**

CHEMICAL FAMILY: 2 PART RTV RUBBER MIXTURE

FORMULA: NOT A SINGLE CHEMICAL.

**DOT (CFR 49):** NOT REGULATED**NFPA:** HEALTH 0, FIRE 1, REACTIVITY 0**CALIFORNIA PROP 65:** NOT LISTED**SARA SECTION III : FIRE:NO,REACTIVITY:NO, RELEASE OF PRESSURE: NO, ACUTE HEALTH HAZARD : NO CHRONIC HEALTH HAZARD: NO****VOC-** N/A 100% SOLIDS**SECTION II HAZARDOUS INGREDIENTS**

POLYDIMETHYL SILOXANE MIXTURE: &lt;50 CAS # 63148-60-7

MINERAL FILLERS: &gt;50 CAS # 1317-65-3

HYDROPHOBIC SILICON DIOXIDE AMORPHOUS &gt;40 CAS # 112945-52-5

ABOVE IS A PROPRIETARY FORMULATION

**SECTION III PHYSICAL DATA**

BOILING POINT (F): N/A SPECIFIC GRAVITY (H2O=1): 1.16

VAPOR PRESSURE (mm Hg) @ 77F: NEG

PERCENT VOLATILE BY VOLUME (%) @ 77F: 0.5 MAX

VAPOR DENSITY (AIR=1): N/A

EVAPORATION RATE (ETHYL ETHER = 1): NEG.

SOLUBILITY IN WATER: N/A

APPEARANCE AND ODOR: NATURAL AND ODORLESS PASTE`

**SECTION IV****FIRE AND EXPLOSION HAZARD DATA**



FLASH POINT (METHOD USED): UN#: NOS  
FLAMMABLE LIMITS: Not Measured  
EXTINGUISHING MEDIA: Foam, dry chemical, or carbon dioxide  
SPECIAL FIRE FIGHTING PROCEDURES: None required  
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

## **SECTION V HEALTH HAZARD DATA**

---

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE: No significant effect. Eye Contact: May cause slight irritation.

Ingestion: Induce vomiting and contact a physician or a poison control center.

EMERGENCY AND FIRST AID PROCEDURES: SKIN: Remove liquid from skin with a towel or dry cloth and wash exposed area with detergent. EYES: Immediately flush with water for at least 15 minutes.

INGESTION: Induce vomiting.

## **SECTION VI REACTIVITY DATA**

---

STABILITY: Stable CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur

## **SECTION VII SPILL OR LEAK PROCEDURES**

---

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain the spill or leak, scrape up with cardboard or a rag, and place in a container.

WASTE DISPOSAL METHOD: Can be burned in accordance with regulations.

## **SECTION VIII SPECIAL PROTECTION INFORMATION**

---

RESPIRATORY PROTECTION (SPECIFY TYPE): Not required

PROTECTIVE GLOVES: Plastic film or rubber gloves

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE EQUIPMENT: Eye wash equipment

## **SECTION IX SPECIAL PRECAUTIONS**

---

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINER CLOSED. STORE IN A COOL PLACE AND KEEP AWAY FROM HEAT OR FLAME. DON'T LAY CONTAINER ON IT'S SIDE.

OTHER PRECAUTIONS: AVOID PROLONGED CONTACT WITH EYES AND REPEATED CONTACT WITH SKIN.

\*NOS: NOT OTHERWISE SPECIFIED

---



**MATERIAL SAFETY DATA SHEET  
" B " COMPONENT**

**SECTION I**

Dalchem Pty Ltd  
ADDRESS; 1/6 Elma Road, Cheltenham Victoria 3192, Australia

CHEMICAL NAME AND SYNONYMS: ORGANOPOLYSILOXANE SOLUTION

TRADE NAME & SYNONYMS: **Soft Translucent Silicone**

CHEMICAL FAMILY: CATALYST FOR SILICONE RUBBER

FORMULA: PROPRIETARY MIXTURE

**DOT (CFR 49):** NOT REGULATED

**NFPA:** HEALTH 2, FIRE 1, REACTIVITY 0

**CALIFORNIA PROP 65:** NOT LISTED

**SARA SECTION III : FIRE:NO,REACTIVITY:NO, RELEASE OF PRESSURE: NO, ACUTE  
HEALTH HAZARD : YES, CHRONIC HEALTH HAZARD: NO**

**VOC** - N/A 100% SOLID

**SECTION II HAZARDOUS INGREDIENTS**

PIGMENT: COLOR PER SYSTEM

CATALYST: METALLIC COMPLEX 5 -10

CAS# 68928-76-7

POLYSILOXANE POLYMER 40 - 50

CAS# 63148-62-9

SILANE DERIVATIVE 20 - 30

CAS# 682-01-9

ABOVE IS A PROPRIETARY MIXTURE

**SECTION III PHYSICAL DATA**

BOILING POINT (F):412 SPECIFIC GRAVITY: 1.05

VAPOR PRESSURE (mm Hg.): 20 @ 226F

PERCENT VOLATILE BY VOLUME (%) AFTER 3 HRS @ 221F: N/A

SOLUBILITY IN WATER: NO

VAPOR DENSITY (AIR=): 1.6

EVAPORATION RATE: (ETHANOL=1): 1

PH - N/A

APPEARANCE & ODOR: SLIGHT ALCOHOL ODOR, CLEAR or COLOR PER SYSTEM

**SECTION IV**

**FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED): 166F UN#: NOS

FLAMMABLE LIMITS: Ethanol Lel - 4.3 / Uel - 1.9

EXTINGUISHING MEDIA: Foam, dry chemical, or carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES: Use approved respirator & protective clothing. Flammable material due to solvents.



UNUSUAL FIRE AND EXPLOSION HAZARDS: Solvent vapors form explosive mixtures with air.

---

## **SECTION V HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE: Inhalation may cause dizziness, headache and nausea. Eye and skin contact: May cause irritation and dermatitis.

EMERGENCY AND FIRST AID PROCEDURE: Inhalation: Remove to fresh air; give artificial respiration or oxygen; call physician.

Eyes: Immediately flush with water for at least 15 minutes; call physician. Skin: remove from skin with a dry cloth - then wash with detergent.

---

## **SECTION VI REACTIVITY DATA**

STABILITY: STABLE

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

INCOMPATIBILITY (materials to avoid): None

CONDITIONS TO AVOID: Heating

---

## **SECTION VII**

### **SPILL OR LEAK PROCEDURES**

---

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Shut off ignition sources; wear appropriate protective equipment. Collect spill on absorbent material.

---

## **SECTION VIII**

### **SPECIAL PROTECTION INFORMATION**

---

RESPIRATORY PROTECTION (SPECIFY TYPE): Approved Respirator

VENTILATION: Local Exhaust Required

PROTECTIVE GLOVES: Rubber Gloves

EYE PROTECTION: Splash Proof Goggles

OTHER PROTECTIVE EQUIPMENT: Safety shower and eye wash equipment.

---

## **SECTION IX SPECIAL PRECAUTION**

---

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINER CLOSED. STORE IN A COOL PLACE.

OTHER PRECAUTION: WASH THOROUGHLY AFTER HANDLING. KEEP AWAY FROM SPARKS, FLAME AND HEAT. USE ONLY WITH ADEQUATE VENTILATION.

\*NOS: NOT OTHERWISE SPECIFIED

---