



**Dynatex**<sup>®</sup>

**MATERIAL SAFETY DATA SHEET**

**DYNATEX 49286**

*Revised Date: June 2011*

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MODIFIED by HOLDTITE AUSTRALIA

**SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Product Name:** DYNATEX 49286  
**Other Names:** 49286  
**Use:** Mildew Resistance Silicone Sealant  
**Part Number:** 49286 (312gr)

**Supplier:** Holdtite Australia Pty Ltd  
**Address:** 21 Heath Street  
Lonsdale, South Australia, 5160

**Emergency Tel:** +61 1300 552 680  
**Telephone:** +61 8 8186 0844  
**Fax:** +61 8 8186 0252

**Emergency Contact Name:**  
**Emergency Contact Address:** See Above Address

**Other Information:** The information below is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This Company shall not be held liable for any damage resulting from handling or from contact with the above product.

**SECTION 2. HAZARDOUS IDENTIFICATION**

**Eye Contact** Direct contact may cause moderate irritation  
**Skin Contact** May Cause moderate irritation  
**Inhalation** Irritates respiratory passages very slightly  
**Ingestion** No significant effects expected from a single short term exposure.  
**Symptoms** No known applicable information.  
**Existing Conditions Aggravated by Exposure** No known applicable information



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**SECTION 3. COMPOSITION/INFORMATION OF INGREDIENTS**

<b>Ingredients</b>					
<u>Name</u>	<u>CAS</u>	<u>Weight</u>	<u>ACGIH TLV</u>	<u>PEL</u>	<u>STEL</u>
Methyltriacetoxysilane	4253-34-3	1%-5%	TWA 10ppm	TWA 10ppm	15ppm
Ethyltriacetoxysilane	17689-77-9	1%-5%	TWA 10ppm	TWA 10ppm	15ppm

**SECTION 4. FIRST AID MEASURES**

- Ingestion:** No first aid should be needed
- Eye contact:** Immediately flush with water for 15 minutes. Seek medical attention
- Skin contact:** Removed from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.
- Inhalation:** Remove to fresh air. No first aid should be needed.
- Comments:** Treat according to person's condition and specifics of exposure.

**SECTION 5. FIRE FIGHTING MEASURES**

- Flash Point:** Not Applicable
- Auto-Ignition Temperature:** Not Determined
- Flammability Limits In Air:** Not Determined
- Extinguishing Media:** On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers.
- Special Fire Fighting Procedures:** Self-containing breathing apparatus and protective clothing should be worn when fighting large fire involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
- Unusual Fire or Explosion Hazards:** None Known
- Hazardous Decomposition Products:** Thermal breakdown of this product during fore or very high heat conditions may evolve the following hazardous decomposition products. Carbon oxides and traces of incompletely burned carbon compounds: Formaldehyde  
Silicone dioxide  
Metal oxides
- Comment:** When temperatures above 150°C in the pressure of air, product can be form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer and an irritant to the eyes, nose, throat, skin and digestive system. Safe handling conditions may be maintained by keeping vapour concentrations within the OSHA Permissible Exposure Limits for Formaldehyde.



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## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Steps to be taken in case of spill or release:

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diking material can be dumped, store recovered material in appropriate container. For small spills, wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled material, even in small quantities, may present a slip hazard. Final cleaning may require the use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.

Local, State or Federal laws and regulations may apply to releases and disposal of this material, as well as hose materials and items employed in the clean up of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding federal and state requirements.

## SECTION 7. HANDLING AND STORAGE

**Handling:** Use adequate ventilation. Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact.

**Storage:** Keep container closed and store away from water or moisture.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eye Protection** Safety goggles or glasses with side shields are recommended.

**Skin Protection** Wash at mealtimes and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before use. Chemical protective gloves are recommended. Suitable Glove: Silver Shield 4H.

**Respiratory Protection** No Respiratory protection should be need with good local ventilation.

**Precautionary Measures** Avoid eye contact. Avoid skin contact. Avoid breathing vapour. Keep container closed. Do not take internally. Use reasonable care.

**Comment** Product evolves methyl ethyl ketoxime (MEKO) when exposed to water or humid air. Provide ventilation during use of control methyl ethyl ketoxime within the exposure guidelines or use respiratory protection.

**Note** These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions. For further information regarding aerosol inhalation toxicity, please refer to the guidance document regarding the use of silicone-based materials in aerosol applications that has been developed by the silicone industry. ([www.SEHSC.com](http://www.SEHSC.com)).



**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Paste
<b>Specific Gravity</b>	1.032
<b>Colour/Appearance</b>	White
<b>Odour</b>	Acetic Acid Odour
<b>pH</b>	Not Determined
<b>Boiling/Cond. Point</b>	Not Determined
<b>Melting/Freezing Point</b>	Not Determined
<b>Solubility</b>	Not Determined
<b>Evaporation Rate</b>	Not Determined
<b>VOC %</b>	30g/l
<b>Viscosity</b>	Not Determined
<b>Vapour Density</b>	Not Determined
<b>Vapour Pressure</b>	Not Determined
<b>Note:</b>	The above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications.

**SECTION 10. STABILITY AND REACTIVITY**

<b>Chemical Stability:</b>	Stable under normal conditions of temperature and pressure
<b>Conditions to Avoid:</b>	None known
<b>Incompatible Materials:</b>	Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapour to form.
<b>Hazardous Polymerization</b>	Will not occur



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**SECTION 11. TOXICOLOGY INFORMATION**

**Special Hazardous Information on Components**

No known applicable information.

**SECTION 12. ECOLOGICAL INFORMATION**

**Environmental Fate and Distribution** Complete information is not yet available.

**Environment Effects** Complete information is not yet available.

**Fate and Effects in Waste Water Treatment Plants** Complete information is not yet available.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal** We make no guarantee or warranty of any kind that the use of disposal of this product complies with all local, state or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes. This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process water containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

**Container Disposal** Dispose of as normal industrial waste

**SECTION 14. TRANSPORT INFORMATION**

Not classified as Dangerous Goods according to the ADG Code.

**SECTION 15. REGULATORY INFORMATION**

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200

**TSCA Status** All chemical substances found in this product comply with the Toxic Substances Control Act.

**SARA Title III Section 302 Extremely Hazardous Substance** None

**SARA Title III Section 304 CERCLA Hazardous Substances** None

**SARA Title III Section 312 Hazard Class** Acute: Yes  
Chronic: No  
Fire: No  
Pressure: No  
Reactive: No

**SARA Title III Section 313 Toxic Chemicals** None present or none in regulated quantities.



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**California Proposition 65**

This product contains the following chemical(s) listed by the State of California under the Safe Drink Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm: None Known.

**Massachusetts**

Silica, amorphous (7632-86-9)

**New Jersey**

Dimethyl siloxane, hydroxyl-terminated (70131-67-8)  
Ethyltriacetoxysilane (17689-77-9)  
Methyltriacetoxysilane (4253-34-3)  
Polydimethylsiloxane (63148-62-9)  
Silica, amorphous (7631-86-9)

**Pennsylvania**

Dimethyl siloxane, hydroxyl-terminated (70131-67-8)  
Silica, amorphous (7631-86-9)

**SECTION 16. OTHER INFORMATION**

**Abbreviations/Acronyms**

ADG Code – Australian Code for the Transport of Dangerous Goods by Road and Rail

NOHSC – National Occupational Health and Safety

TWA – Time-Weight Average

**CONTACT POINT**

Technical Contact

Numbers: Head Office Tel: 1300 552 680

**\*\*End of MSDS\*\***