



SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: DYNATEX 47181
Other Names: 47181
Use: Grey Silicone Gasket Maker
Part Number: 47181 (108 grams)
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 eye contact irritates slightly with redness and swelling.
Inhalation: Vapour overexposure may cause drowsiness, injure blood, liver and may irritate eyes, nose, and throat.
Ingestion: Small amounts transferred to the mouth by fingers during use, eg. Should not injure. Swallowing large amounts may injure slightly.
Skin Contact: A single short term exposure (less than 24 hours) may irritate. Repeated prolonged contact (24 to 48 hours) may irritate moderately. Product contains oximes which are possible skin sensitizers.
Symptoms of Overexposure: No known applicable information
Existing Conditions
Aggravated by Exposure: Methy Ethyl Ketoxime (MEKO) is formed upon contact with water or humid air. Male rodents exposed to MEKO vapor throughout their lifetime developed liver tumors. Since many commonly used chemicals cause liver tumors in rats and mice, a additional testing is planned by the MEKO supplier to determine any relevance to humans. Until more data is known, exposure levels should be maintained as low as possible.



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SECTION 3. COMPOSITION/INFORMATION OF INGREDIENTS

Ingredients	CAS	Weight %	ACGIH	TLV	PEL	STEL
Calcium carbonate	1317-65-3	15%-50%			10mg/m ³	5mg/m ³
Amorphous Fumes						
Silica	112945-52-5	3%-6%			10mg/m ³	6mg/m ³
Methyl Oximino Silane	22984-54-9	1%-5%				
Vinyl Oximino Silane	2224-33-4	3%-MAX				

SECTION 4. FIRST AID MEASURES

Eye Contact	Immediately flush with water for 15 minutes. Seek medical attention.
Skin Contact	Remove 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	Material is not likely to present an inhalation hazard at ambient conditions. If material is heated or vapor/mist/dust/fumes are generated, care should be taken to prevent inhalation. In case of exposure to vapor/mist/dust/fumes, move to fresh air.
Ingestion	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 contained breathing apparatus and protective clothing should be worn when fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water to keep fire exposed contained cool.

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 Section 5 and 8.

For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, 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 and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the clean up of releases. You will need to determine which federal, state or local laws and regulation are applicable. Sections 13 and 15 of this MSDS provide information regarding federal and state requirements.



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SECTION 7. HANDLING AND STORAGE

- Handling:** Use in well ventilated area. Avoid breathing vapour. Observe recommendations in SECTION 8.
- Storage:** Holdtite should be stored in a dry cool area, out of direct sunlight. Optimal Storage temperature: 8°C to 21°C. Stored correctly, this product has a 12 month shelf life from manufacture.

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).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|-------------------------------|--|
| Physical State | Paste |
| Specific Gravity | 1.41 |
| Color/Appearance | Grey |
| Odor | Slightly |
| pH | Not Determined |
| Boiling/Cond. Point | Not Determined |
| Melting/Freezing Point | Not Determined |
| Solubility | Not Determined |
| Evaporation Rate | Not Determined |
| VOC % | 42 g/L |
| Viscosity | Not Determined |
| Vapor Density | Not Determined |
| Vapor Pressure | Not Determined |
| Note | The above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications. |



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SECTION 10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Hazardous Polymerization	Will not occur
Conditions to Avoid	None known
Materials to Avoid / Incompatibility	Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapors to form.

SECTION 11. TOXICOLOGY INFORMATION

Special Hazard Information on Component

Methyl Oximino Silane (22984-54-9). Possible skin sensitizer

Vinyl Oximino Silane (2224-33-1). Possible skin sensitizer

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	Follow state or local authority regulations and guidelines for disposal of the waste. Clean area with detergent and water. Do not allow product to enter drains, sewers or water courses – inform the local authorities if this occurs.
Container Disposal	Dispose of as normal industrial waste

SECTION 14. TRANSPORT INFORMATION

DOT Road Shipment Information	Not subject to DOT.
Ocean Shipment (IMDG)	Not subject to IMDG code.
Air Shipment (IATA)	Not subject to IATA regulations.



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 material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

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.

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.

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