



Dynatex[®]

MATERIAL SAFETY DATA SHEET

DYNATEX 47101

Revised Date: June 2011

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MODIFIED by HOLDTITE AUSTRALIA

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: DYNATEX 47101
Other Names: 47101
Use: Copper Silicone Gasket Maker
Part Number: 47101 (108gr)
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 Vapor overexposure may cause drowsiness, injure blood, live and may irritate eyes and nose.
Ingestion Small amounts transferred to the mouth by fingers during use, etc, 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 sensitizer.

Symptoms of Overexposure No known applicable information

Existing Conditions Aggravated by Exposure No known applicable information

Comment 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	<u>Name</u>	<u>CAS</u>	<u>Weight</u>	<u>ACGIH TLV</u>	<u>PEL</u>
	Calcium carbonate	1317-65-3	15%-50%	15mg/m	0mg/m
	Amorphous fumed silica	112945-52-5	3%-6%	10mg/m	6mg/m
	Methyl Oximino Silane	22984-54-9	1%-5%		
	Vinyl Oximino Silane	2224-33-1	3%-Max		

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:	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	Removed to fresh air. No first aid should be needed.
Comments	Treat according to persons 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.



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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 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.

SECTION 7. HANDLING AND STORAGE

Handling: Avoid eye contact. Avoid breathing vapour. Keep container closed. Do not take internally. Use reasonable care.

Storage: Keep container closed and stored in a cool, well ventilated area, 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).



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste
Specific Gravity	1.41
Colour/Appearance	Copper
Odour	Slight
pH	Not Applicable
Boiling/Cond. Point	Not Applicable
Melting/Freezing Point	Not Applicable
Solubility	Negligible in water
Viscosity	Not Applicable
Vapour Density	Not Applicable
Vapour Pressure	Not Applicable

SECTION 10. STABILITY AND REACTIVITY

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

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



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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 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.



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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****