



## MATERIAL SAFETY DATA SHEET

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# DYNACOPPER® RTV SILICONE GASKET MAKER PART NO. 47101

### SECTION I – IDENTITY INFORMATION

Product Identification : DynaCopper RTV Silicone Gasket Maker  
Chemical Family : Moisture Curing Silicone Sealant

### SECTION II – HAZARDOUS COMPONENTS

| <u>COMPONENT</u>      | <u>CAS #</u> | <u>EXPOSURE LIMITS</u>  | <u>WGT%</u> |
|-----------------------|--------------|---|-------------|
| Silica, Amorphous     | 112945-52-5  | OSHA: TWA=6 mg/m <sup>3</sup><br>ACGIH: TWA=10mg/m <sup>3</sup><br>Total Dust | 3-6         |
| Methyl Oximino Silane | 22984-54-9   | None Established<br>See comments on Methyl<br>Ethyl Ketoxime                  | 1-5         |
| Vinyl Oximino Silane  | 2224-33-1    | None Established<br>See comments on Methyl<br>Ethyl Ketoxime                  | 0-3         |
| Limestone             | 1317-65-3    | OSHA: TWA=10mg/m <sup>3</sup><br>ACGIH: TWA=10mg/m <sup>3</sup><br>Total Dust | 15-50       |

**Comments:** Methyl Ethyl Ketoxime is formed upon contact with water or moisture in the air. Provide adequate ventilation to control exposures to within the exposure guideline of 2 ppm (TWA).

### SECTION III – PHYSICAL DATA

Physical form : Paste  
pH : N/A  
Viscosity : N/A  
Volatile Content : N/A  
Boiling Point : N/A  
Specific Gravity : 1.41  
Solubility in Water : Negligible  
Vapor Pressure : N/A  
Vapor Density : N/A  
Melting Point : N/A  
Color : Copper  
Odor : Slight

## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

|                                    |   |
|------------------------------------|---|
| Auto Ignition                      | : Not Determined  |
| Flash Point                        | : Not Determined  |
| Upper Explosive Limit (%)          | : N/A   |
| Lower Explosive Limit (%)          | : N/A   |
| Extinguishing Media                | : Water, water fog (or spray). Carbon dioxide (CO <sub>2</sub> ). Dry chemical. |
| Special Fire Fighting Procedure    | : Self-contained breathing apparatus and protective clothing.                   |
| Unusual Fire and Explosion Hazards | : None  |

## SECTION V – HEALTH HAZARD DATA

|              |  |
|--------------|--|
| Eye Contact  | : Direct contact irritates slightly with redness and swelling.   |
| Skin Contact | : A single short 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. |
| Inhalation   | : Vapor overexposure may cause drowsiness, injure blood, liver and may irritate eyes, nose and throat.   |
| Oral         | : Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may injure slightly.   |

### SPECIAL HEALTH EFFECTS:

|                     |              |
|---------------------|--------------|
| Carcinogens         | : None Known |
| Teratogens          | : None Known |
| Mutagens            | : None Known |
| Reproductive Toxins | : None Known |

### SENSITIZERS:

|            |      |                       |                          |
|------------|------|-----------------------|--------------------------|
| 22984-54-9 | 1-5% | Methyl Oximino Silane | Possible Skin Sensitizer |
| 2224-33-1  | 0-3% | Vinyl Oximino Silane  | Possible Skin Sensitizer |

**Comments:** Methyl Ethyl Ketoxime (MEKO) is formed upon contact with water or humid air. Male rodents exposed to MEKO vapor throughout their lifetime developed live tumors. Since many commonly used chemicals cause liver tumors in rats and mice, 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 achievable.

### FIRST AID PROCEDURES:

|            |  |
|------------|--|
| Eye        | : Immediately flush with water for 15 minutes.   |
| Skin       | : Remove from skin and immediately flush with water for 15 minutes. Get medical attention if irritation or ill effects develop or persist. |
| Inhalation | : Remove to fresh air. Get medical attention if ill effects persist.   |
| Oral       | : Get medical attention.   |

**Comments:** Treat according to person's condition and specifics of exposure.

## SECTION VI – REACTIVITY DATA

|                          |  |
|--------------------------|--|
| Stability                | : Stable                                   |
| Incompatibilities        | : Oxidizing material can cause a reaction. |
| Hazardous Polymerization | : Hazardous polymerization will not occur. |
| Conditions to Avoid      | : None                                     |

## SECTION VII – PERSONAL PROTECTIVE EQUIPMENT

|                        |  |
|------------------------|--|
| Eye                    | : Use Proper protection – safety glasses as a minimum.   |
| Skin                   | : Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended. |
| Inhalation             | : Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines.   |
| Precautionary Measures | : Avoid eye contact. Avoid skin contact. Avoid breathing vapor.  |

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

## SECTION VIII – SPILL OR LEAK PROCEDURES

|                         |   |
|-------------------------|---|
| Spill or Leak Procedure | : Observe all personal protection equipment recommendations described in Section VII. |
| Waste Disposal Methods  | : Observe all applicable local, state and federal waste management regulations.       |

## SECTION IX – HANDLING AND STORAGE PRECAUTIONS

|          |   |
|----------|---|
| Handling | : Observe precautions as indicated in section VI.   |
| Storage  | : Keep container closed and store in a cool, well ventilated area, away from water or moisture. |

## SECTION X – HAZARD COMMUNICATION CODES

|               |     |
|---------------|-----|
| NFPA RATINGS: |     |
| Health        | : 1 |
| Flammability  | : 1 |
| Reactivity    | : 0 |

## SECTION XI – SHIPPING INFORMATION

DOT Shipping Name : None  
DOT Hazard Class : Non-hazardous  
UN/NA Number : N/A  
Label Required : None

## SECTION XII – OTHER REGULATORY INFORMATION

TSCA : : All chemical substances found in this product  
comply with the Toxic Substances Control Act  
inventory reporting requirements.  
SARA 302 : No components subject to 40 CFR 370.  
SARA 311 & 312 : Not subject to reporting requirements of  
40 CFR 370.  
SARA 313 : No components subject to 40 CFR 372.

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