

# MSDS Document

## Product Dynatex® 1020 Brake System Silicone Compound

### 1. Chemical Product and Company Identification

**Trade Name of this Product** Dynatex® 1020 Brake System Silicone Compound

**Synonyms:** 259641020

**MSDS ID** DYN1020

**Manufacturer**

Dynatex Inc.  
350 Ring Road  
Elizabethtown, KY 42701

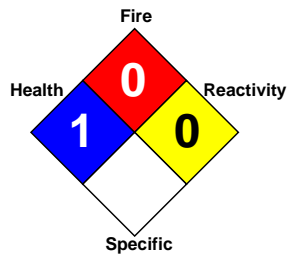
**Phone Number**

(270) 769-3385

**Emergency Phone**

CHEMTREC (800) 424-9300

**Revision Date** 12/18/2009



### 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Amorphous fumed silica	112945-52-5	5% - 15%	10 mg/m <sup>3</sup>	6 mg/m <sup>3</sup>	

### 3. Hazard Identification

**Eye Contact**

Direct eye contact irritates slightly with redness and swelling.

**Inhalation**

Vapor 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, 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 sensitizers.

**Symptoms of Overexposure**

No known applicable information.

**Existing Conditions Aggravated by Exposure**

No known applicable information.

**Comment**

Methyl 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, 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.

**4. First Aid Information**

**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**

Remove to fresh air. No first aid should be needed.

**Ingestion**

No first aid should be needed.

**Comments**

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

**5. Fire Fighting Measures**

**Flash Point** >575F

**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 spray to keep fire exposed containers cool.

#### **Unusual Fire or Explosion Hazards**

None known

## **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 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 cleanup 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 certain federal and state requirements.

## **7. Handling and Storage**

#### **Handling**

Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed. Do not take internally. Use reasonable care.

#### **Storage**

Keep container closed and store in a cool, well ventilated area, away from water or moisture.

#### **Other Precautions**

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

## **8. Exposure Controls and 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 reuse. Chemical protective gloves are recommended.

Suitable Gloves:  
Silver Shield® 4H®

### Respiratory Protection

No respiratory protection should be needed with good local ventilation.

### Precautionary Measures

Avoid eye contact. Avoid skin contact. Avoid breathing vapor. 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 to 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)).

## 9. Physical and Chemical Properties

Physical State	Paste
Specific Gravity	1.03
Color/Appearance	Translucent
Odor	Slight, sweet
pH	Not applicable
Boiling/Cond. Point	> 300C
Melting/Freezing Point	Not applicable
Solubility	Insoluble
Viscosity	Not applicable
Vapor Density	> 1
Vapor Pressure	< 5 mm Hg @ 25C

### Note

The above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications.

## 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.

**11. Toxicological Information**

**Special Hazard Information on Component**

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

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

**12. Ecological Information**

**Environmental Fate and Distribution**

Complete information is not yet available.

**Environmental Effects**

Complete information is not yet available.

**Fate and Effects in Waste Water Treatment Plants**

Complete information is not yet available.

**13. Disposal Considerations**

**Waste Disposal Method**

We make no guarantee or warranty of any kind that the use or 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 waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

**14. Transportation 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.

**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 inventory reporting requirements.

**SARA Title III Section 302 Extremely Hazardous Substances**

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 present in regulated quantities.

**California Proposition 65**

This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm:

None known

## 16. Other Information

**Disclaimer**

The data contained herein is based upon information that Accumetric LLC believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements to suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.