

SUC 95- 49290

# MSDS Document

## Product Dynatex® 49290 Black RTV Silicone Gasket Maker - L/V

### 1. Chemical Product and Company Identification

Trade Name of this Product Dynatex® 49290 Black RTV Silicone Gasket Maker - L/V

MSDS ID DYN49290

Manufacturer

Dynatex Inc.

350 Ring Road

Elizabethtown, KY 42701

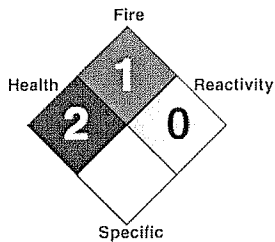
Phone Number

(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
Methyltriacetoxysilane	4253-34-3	1% - 5%	TWA 10ppm	TWA 10ppm	15ppm
Ethyltriacetoxysilane	17689-77-9	1% - 5%	TWA 10ppm	TWA 10ppm	15ppm

### 3. Hazard Identification

#### Eye Contact

Direct contact may cause moderate irritation.

#### Skin Contact

May cause moderate irritation.

#### Ingestion

Low ingestion hazard in normal use. Repeated ingestion or swallowing large amounts may injure internally.

#### Inhalation

Material is not likely to present an inhalation hazard at ambient conditions. However, if material is heated or high vapor/aerosol concentrations are attained, central nervous system depression may occur, which is characterized by drowsiness, dizziness, confusion or loss of

coordination.

**Symptoms of Overexposure**

No known applicable information.

**Existing Conditions Aggravated by Exposure**

No known applicable information.

**Note**

The above listed potential effects are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for detailed toxicology information.

**4. First Aid Information**

**Eye Contact**

Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.

**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**

DO NOT INDUCE VOMITING. Seek immediate medical attention.

**Comments**

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

**5. Fire Fighting Measures**

**Flash Point** >212F / >100C  
**FP Method** Closed Cup

**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 spray to keep fire exposed containers cool.

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

None known

#### **Hazardous Decomposition Products**

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products:

Carbon oxides and traces of incompletely burned carbon compounds

Formaldehyde

Silicon dioxide

Nitrogen oxides

Metal oxides

Sulfur oxides

Chlorine compounds

#### **Comment**

When temperatures above 150°C in the presence of air, product can 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 vapor concentrations within the OSHA Permissible Exposure Limits for formaldehyde.

## **6. Accidental Release Measures**

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

Observe all personal protection equipment recommendations. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents or detergents. Dispose of saturated absorbant 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**

Use with adequate ventilation. Product evolves acetic acid with exposed to water or humid air. Provide ventilation during use to control acetic acid with exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact. Do not take internally. Avoid

breathing vapor. Keep container closed.

#### **Storage**

Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture.

## **8. Exposure Controls and Personal Protection**

#### **Component Exposure Limits**

Component Name: Ethyltriacetoxysilane

CAS Number: 17689-77-9

Exposure Limits: See acetic acid comments

Component Name: Methyltriacetoxysilane

CAS Number: 4253-34-3

Exposure Limits: See acetic acid comments

Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

#### **Engineering Controls**

Local Ventilation: Recommended

General Ventilation: Recommended

#### **Eye Protection**

Use proper protection - safety glasses as a minimum.

#### **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:

Nitrile Rubber. Butyl Rubber.

#### **Respiratory Protection**

Use respiratory protection unless adequate exhaust ventilation is provided or exposure assessment demonstrates that exposures are within exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.

#### **Suitable Respirator**

Respiratory protection is not needed under ambient conditions. If vapor/mist/dust/fumes are generated when material is heated or handled, the following is advised. General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

#### **Precautionary Measures**

Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed. Do

not take internally. Use reasonable care.

#### Comment

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.

#### Note

These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions.

## 9. Physical and Chemical Properties

Physical State	Paste
Specific Gravity	1.007
Color/Appearance	Black
Odor	Acetic Acid Odor
pH	Not Determined
Boiling/Cond. Point	Not Determined
Melting/Freezing Point	Not Determined
Solubility	Not Determined
Evaporation Rate	Not Determined
VOC %	30 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.

## 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

#### Component Toxicology Information

Inhalation of fumes may result in metal fume fever, a flu-like illness with symptoms of metallic taste, fever and chills, aches, chest tightness and cough.

**Special Hazard Information on Components**  
No known applicable information.

## 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.

**Note**

Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold.

**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

**Massachusetts**

Carbon black (1333-86-4)  
Silica, amorphous (7631-86-9)

**New Jersey**

Carbon black (1333-86-4)  
Dimethyl siloxane, hydroxy-terminated (70131-67-8)  
Ethyltriacetoxysilane (17689-77-9)  
Hydrotreated middle petroleum distillates (64742-46-7)  
Methyltriacetoxysilane (4253-34-3)  
Polydimethylsiloxane (63148-62-9)  
Silica, amorphous (7631-86-9)

**Pennsylvania**

Carbon black (1333-86-4)  
Dimethyl siloxane, hydroxy-terminated (70131-67-8)  
Silica, amorphous (7631-86-9)  
Hydrotreated middle petroleum distillates (64742-46-7)

## 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.