



# Material Safety Data Sheet

Revision Date 25-Jan-2012

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product code** P10045  
**Product name** SILI-GASKET BLACK, 3 OZ Tube  
**Recommended Use** Sealant  
**Supplier** Kent Automotive  
6200 Oak Tree Blvd.  
Independence, OH 44131  
(888) 937-5368  
**Emergency telephone number** (888) 426-4851

## 2. HAZARDS IDENTIFICATION

**Emergency Overview**  
No information available.

**Aggravated Medical Conditions**  
None Known

**Principal Routes of Exposure**  
Eyes. Skin. Inhalation. Ingestion.

### Potential health effects

**Eyes** Moderately irritating to the eyes. Redness. Swelling.  
**Skin** Skin Irritation. Repeated or prolonged exposure may cause:. Moderate irritation.  
**Inhalation** Irritating to respiratory system. Extreme overexposure may cause. Drowsiness .  
**Ingestion** Swallowing substance may cause the following effects:. Vomiting.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Ethyltriacetoxysilane	17689-77-9	1-5
Methyltriacetoxysilane	4253-34-3	1-5

## 4. FIRST AID MEASURES

**Eye contact** Flush with plenty of water for at least 15 minutes. Seek medical attention.

**Skin contact** Wash off immediately with soap and plenty of water. Waterless hand cleaner might be helpful in removing residues. Seek medical attention if irritation persists.

**Ingestion** Do Not induce vomiting. Seek medical attention.

**Inhalation** Remove from exposure. Seek medical attention if irritation persists.

**Notes to physician** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Flash point °C** > 100  
**Flash point °F** > 212  
**Method** Seta closed cup

**Autoignition temperature °C** No data available  
**Autoignition temperature °F** No data available

**Flammability Limits (% in Air)**  
**Upper** No data available  
**Lower** No data available

**Suitable extinguishing media**  
Any . Use extinguishing media appropriate to surrounding fire .

**Special protective equipment for firefighters**  
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Special Fire-Fighting Procedures**  
Evacuate area of unprotected and unnecessary personnel .

**Sensitivity to shock**  
No information available.

**Sensitivity to static discharge**  
No information available.

## 6. ACCIDENTAL RELEASE MEASURES

**Methods for cleaning up**  
Ventilate area to maintain exposure below permissible exposure limits. Evacuate area of unprotected and unnecessary personnel. Soak up excess with absorbent material. Pick up and transfer to properly labelled containers. Dispose of absorbent in accordance with local, state and federal regulations. Use caution as spill may create a slip hazard.

## 7. HANDLING AND STORAGE

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### 7. HANDLING AND STORAGE

**Handling**

Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid breathing vapors. Keep container closed when not in use. Keep in a well-ventilated place. Do not take internally.

**Storage**

Store in original container. Do not store near oxidizers. Keep away from heat and sources of ignition. Prevent moist air from entering storage tanks or containers.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Ethyltriacetoxysilane	-	10 mg/m <sup>3</sup> (dust)	-	15 ppm
Methyltriacetoxysilane	-	ND	-	ND

**Ventilation and Environmental Controls**

Local: recommended. General: recommended.

**Hygiene measures**

Wash hands before breaks and immediately after handling the product.

**Other precautions**

Avoid contact with skin and eyes. Avoid breathing vapors or mists.

**Respiratory protection**

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended. Seek professional advise prior to respirator selection and use.

**Hand Protection**

Impervious gloves. Nitrile rubber. Butyl rubber gloves.

**Eye protection**

ANSI approved safety glasses are recommended to prevent accidental eye contact.

**Skin and body protection**

Wear appropriate clothing to minimize skin contact.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid
Color	Black
Odor	Vinegar-like
Odor Threshold	No information available
pH	No data available
Specific Gravity	1.007
Vapor pressure	No data available
Density	8.39 lbs/gal
Vapor density	No data available
Evaporation Rate	No data available
Water solubility	Negligible
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	No data available
Boiling point/range °F	No data available

Melting point/range °C

No data available

Melting point/range °F

No data available

Flash point °C

> 100

Flash point °F

> 212

### 10. STABILITY AND REACTIVITY

**Stability**

Stable.

**Conditions to avoid**

Do not expose to air or moisture until ready to use.

**Incompatibility**

Oxidizers.

**Hazardous Decomposition Products**

Carbon oxides. Incompletely burned carbon products. Silicone dioxide. Formaldehyde. Acetic acid.

**Polymerization**

Hazardous polymerization does not occur

### 11. TOXICOLOGICAL INFORMATION

**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Ethyltriacetoxysilane 17689-77-9	-	-	-
Methyltriacetoxysilane 4253-34-3	2060 mg/kg	-	-

**Synergistic Products**

None known

**Potential health effects**

**Sensitization**

None known .

**Chronic toxicity**

See Section 2 .

**Mutagenic effects**

None known .

**Teratogenic effects**

None known .

**Reproductive toxicity**

None known .

**Target Organ Effects**

When heated above 150 degrees C, formaldehyde vapor can form, which is a potential cancer hazard and known skin and respiratory sensitizer.

**Carcinogenic effects**

See table below

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Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Ethyltriacetoxysilane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Methyltriacetoxysilane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

**CPR**

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

**16. OTHER INFORMATION**

**NFPA**

**Health - 2  
Flammability - 1  
Reactivity - 0**

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity effects** No information available

**13. DISPOSAL CONSIDERATIONS**

**Disposal Information**

Prevent waste from contaminating surrounding environment. Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations.

**Waste from residues / unused products**

Prevent waste from contaminating surrounding environment. Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations.

**Prepared By**

V. Shargodsky, Regulatory Affairs Engineer

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

**14. TRANSPORTATION INFORMATION**

**DOT**

Not Regulated

**TDG**

Not Regulated

**15. REGULATORY INFORMATION**

**US EPA SARA 313**

**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Ethyltriacetoxysilane	Not Listed	Not Listed	Not Listed
Methyltriacetoxysilane	Not Listed	Not Listed	Not Listed

**International Inventories**

Chemical Name	EINECS	DSL	NDSL	TSCA
Ethyltriacetoxysilane	X	X	-	X
Methyltriacetoxysilane	X	X	-	X