



This item was discontinued prior to GHS implementation.
A GHS Safety Data Sheet is not available for this item.

Material Safety Data Sheet

Revision Date 06-Sep-2013

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code KT13397
Product name Sili Gasket Red
Recommended Use Sealant

Supplier Kent Automotive
8770 W.Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
1-866-529-7664

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
Irritant.

Aggravated Medical Conditions
None Known.

Principal Routes of Exposure
Eyes. Inhalation.

Potential health effects

Eyes Direct contact may cause the following effects. Redness. Swelling. Uncured product contact irritates eyes.

Skin Repeated or prolonged exposure may cause:. Moderate irritation. Uncured product contact may irritate skin. Irritation of lips, gums and tongue.

Inhalation May cause the following effects. Respiratory irritation. Extreme overexposure may cause. Irritation of the nose or throat.

Ingestion Small amounts transferred to the mouth through use should not be harmful. Extreme overexposure may cause. Stomach distress.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Silicon Dioxide - hydrated	7631-86-9	7-13
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 if irritation persists.

Skin contact Wipe excess from skin and flush with water using soap if available.

Ingestion No specific treatment is necessary since this material is not likely to be hazardous by ingestion.

Inhalation Remove to fresh air.

5. FIRE FIGHTING MEASURES

Flash point °C > 100
Flash point °F > 212
Method 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
Water fog. Carbon dioxide (CO2). Foam. Dry chemical powder.

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.

Fire and Explosion Hazards
None known.

Sensitivity to shock
No information available.

Sensitivity to static discharge
No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up
Personnel should wear appropriate protective equipment. Follow all precautions for handling. Please refer to appropriate sections of MSDS for additional information. Soak up with inert absorbent material. Place in non-leaking, tightly sealed container for proper disposal. Use caution as spill may create a slip hazard.

7. HANDLING AND STORAGE**Handling**

Standard safety precautions should be observed when handling this material. Avoid contact with skin and eyes. Keep container closed when not in use.

Storage

Store in temperatures below 90 degrees F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Methyltriacetoxysilane	-	ND	-	ND
Silicon Dioxide - hydrated	15 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction)	10 ppm	10 mg/m ³ (total dust)	ND
Ethyltriacetoxysilane	-	10 mg/m ³ (dust)	-	15 ppm

Ventilation and Environmental Controls

Provide local exhaust ventilation. Mechanical: recommended.

Hygiene measures

Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the product.

Respiratory protection

None necessary under normal conditions. In case of insufficient ventilation wear suitable respiratory equipment. Use a NIOSH approved acid-vapor type respirator.

Hand Protection

The following gloves are recommended for prolonged or repeated contact: . Rubber gloves. Plastic gloves.

Eye protection

Safety glasses.

Skin and body protection

None necessary under normal conditions

Other Protective Equipment

An eye wash station should be available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid
Color	Red
Odor	Acetone-like
Odor Threshold	No information available
pH	Not Applicable
Specific Gravity	1.04 @ 77F (25C)
Vapor pressure	< 5 mm @ 77°F/25°C
Vapor density	>1 (Air = 1)
Evaporation Rate	Not Applicable

Water solubility	< 0.1%
VOC Content	31 g/l
Partition Coefficient (n-octanol/water)	Not Applicable
Boiling point/range °C	Not Applicable
Boiling point/range °F	Not Applicable
Melting point/range °C	Not Applicable
Melting point/range °F	Not Applicable
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

Incompatible with oxidizing agents.

Hazardous Decomposition Products

Silicone dioxide. Carbon dioxide. Incompletely burned carbon products.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Methyltriacetoxysilane 4253-34-3	-	-	-
Silicon Dioxide - hydrated 7631-86-9	5000 mg/kg	2000 mg/kg	2.2 mg/L
Ethyltriacetoxysilane 17689-77-9	-	-	-

Synergistic Products

None known

Potential health effects

Sensitization	None known .
Chronic toxicity	None known .
Mutagenic effects	None known .
Teratogenic effects	None known .
Reproductive toxicity	None known .
Target Organ Effects	None Known.

Product code **KT13397**Product name **Sili Gasket
Red****Carcinogenic effects**

See table below

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

12. ECOLOGICAL INFORMATIONSilicon Dioxide - hydrated**Water Flea Data***Ceriodaphnia dubia* EC50=7600 mg/L (48 h)**13. DISPOSAL CONSIDERATIONS****Disposal Information**

Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations.

14. TRANSPORTATION INFORMATION**DOT**

Not Regulated

TDG

Not Regulated

15. REGULATORY INFORMATION**State Regulations**

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

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Methyltriacetoxysilane	X	X	-	X
Silicon Dioxide - hydrated	X	X	-	X
Ethyltriacetoxysilane	X	X	-	X

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 - 1**
Flammability - 1
Reactivity - 0**Prepared By**J. Cameron, Regulatory Affairs
Coordinator

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.