

Industrial Gasket & Shim Co., Inc.
Material Safety Data Sheet

Product: IGS RTV High Temp. Red
Manufactured By: Silco Incorporated
Supplied By: Industrial Gasket & Shim Co., Inc. 1-(800)-229-1447
200 Country Club Rd. 1-(724)-222-5800
P.O. Box 368
Meadowlands, PA 15347 05-05-2007

Product Identification:

Product Name: IGS RTV High Temp. Red
Chemical Family: Silicone Rubber Sealant
Chemical Name: Silicone Sealant
Formula: Compounding Mixture

General Information:

Dot Shipping Name: None
Dot Hazard Class: None
Dot Labels: None
UN/NA Number: None
Placards: None
Export: NA
EPA Hazard Waste: None
SARA Hazard Class: To be determined.
WHMIS Hazard Class: D2B Toxic materials
CPSC Classification: Eye Irritant
Transportation Class: None
NFPA/HMIS Classification: Flammability 0, Reactivity 0
Health 2
Schedule B: 3910.00.10001
ECCN: 6899G

Physical Data:

Boiling Point : NA (F) NA (C)
Vapor Point : Unkn MM HG
Vapor Density (AIR=1) : Unkn
Freezing Point : NA (F) NA (C)
Melting Point : NA (F) NA (C)
Physical State : Solid
Odor : Vinegar

Color : Product Identification Code
Odor Threshold : 1.0 (PBM)
Solubility in Water (20C) : Insoluble
Solubility in Organic Solvent : Unknown
Volatile by Volume : <5
Evaporation Rate : <1
(Butyl Acetate=1) :
Specific Gravity : 1.04
(Water=1) :
Density : 1042.5 KG/M3
Acid/Alkalinity : Unknown MEG/G
PH : NA

Product Composition:

Approx ACGIH OSHA CASE
Weight% TVL PEL UNITS REG NO
Hazardous:
Methyltriacetoxysilane 1-5 10(R) 10(R) PPM 4253-34-3*
Non-Hazardous

Fire and Explosion Data

Flash Point: >400(F) .204(C) By TOC. Ignition Temp.: Unkn
Flammable limits in Air (%): NA
Sensitivity to Mechanical Impact (Y/N): N
Sensitivity to Static Discharge: Not Expected
Extinguishing Media: All Standard Firefighting Media. No special Firefighting procedure need be assed.

Reactivity Data

Stability (Y/N): Y Hazardous: Polymerization will not occur
Hazardous Decompositions / Combustion Products: Carbon Monoxide
Carbon Dioxide
Silicone Dioxide
Acetic Acid
Incompatibility (Materials to Avoid): None Known
Conditions to Avoid: None Known

Special Protective Equipment

Respiratory Protection: Use in well ventilated area
Protective Gloves: Cloth Gloves
Eye and Face Protection: Safety Glasses / goggles
Other Protective Equipment: None Known
Ventilation: Use only in well ventilated area

Health Hazard Data

Acute Signs/Effects of Overexposure

Ingestion: may be harmful if swallowed

Skin Contact: Uncured product will irritate lips, gums and tongue. Uncured product will irritate the skin.

Inhalation: Causes mild respiratory irritation.

Eye Contact: Uncured product irritates eyes.

Medical Conditions Aggravated: Respiratory

Other: Acetic acid released during cure

Chronic Effects of Overexposure: Non Known

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

Note to Physician: Non Known

Toxicity: Methyltriacetoxysilane

Acute Oral LD50: 2060 (RAT) MG/KG

Acute Dermal LD50: None Found

Acute Inhalation LC50: None Found

Other: None Found

Ames Test: Unknown

Principal Routes of Exposure: Eyes, inhalation.

This product or one of its ingredients present 0.1% or more is not listed as a carcinogen by NTP, IARC, or OSHA.

Spill, Leak and Disposal Procedures

Action to be taken in handling and storage. Avoid contact with skin and eyes. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from fingertips, nails, cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation. Product releases acetic acid during application and curing. Use mechanical ventilation to stay below TLV of 10 PPM acetic acid. Uncured product contact may irritate skin. Use in well ventilated area to prevent irritation by vapors.

Engineering Controls.

Eyewash stations. Use in well ventilated area. Localized ventilation should be used to control dust levels.

Additional Information

This product or its components are on the European inventory of existing commercial chemicals (EINECS). This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

Key:

C =	Ceiling Limit	UNKN =	Unknown
EST =	Estimated	REC =	Recommended
NA =	Not Applicable	V =	Recommended by Vendor
NE =	Not Established	SKN =	Skin
ND =	None Determined	TS =	Trade Secret
R =	Recommended	MST =	Mist
NEGL =	Negligible	NF =	None Found
STEL =	Short Term Limit		

By-Product = Reaction By Product, TSCA Inventory status not Required under 40 CFR Part 720.30 (H-2)

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