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Castite

**SILCO INCORPORATED
MATERIAL SAFETY DATA SHEET**

PRODUCT: SIL-BOND RTV 4500

MANUFACTURED BY: Silco Inc. 1-(440)-975-8886
1520 E. 365th St A
Eastlake, OH 44095

SUPPLIED BY: Silco Inc. 1-(440)-975-8886
1520 E. 365th St A
Eastlake, OH 44095

PRODUCT IDENTIFICATION:

Product Name: RTV 4500 *RTV 4500*
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
RID (OCTI) None ADR (ACE) None RAR (IATA) 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
 Incompatability (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 a well ventilated area

HEALTH HAZARD DATA

Acute Signs/Effects of Overexposure

Ingestion: may be harmful if swallowed

Skin Contact: Uncured product contact 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: None Known

Emergency and First Aid Procedures: None known

Skin: To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water.

Get Medical attention if irritation persists.

Inhalation: 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 or suspected 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 irritates eyes. 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 it's components are on the European inventory
of existing commercial chemicals (EINECS). This data is
offered n good faith as typical values and not as a product
specification. No warranty, either expressed or implied is
made. The recommended handling proceures 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
EST= Estimated
NA= Not Applicable
NE= Not Established
ND= None Determined
R= Recommended
NEGL= Neglible
STEL= Short Term Limit

UNKN= Unknown
REC= Recommended
V= Recommended by vendor
SKN= Skin
TS= Trade Secret
MST= Mist
NF= None found

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

Prepared by Silco, Inc.