

SILCO INCORPORATED
MATERIAL SAFETY DATA SHEET

PRODUCT: RTV 1001 (OP-SIL)

(SECTION 1) CHEMICAL PRODUCT AND COMPANY NAME

Manufactured By:

Silco Incorporated
7561 Tyler Blvd.
Unit # 6
Mentor, Oh 44060

Supplied By:

Silco Incorporated
7561 Tyler Blvd.
Unit # 6
Mentor, Oh 44060

Phone Number
(440)-975-8886
Fax Number
(440)-975-8887

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REVISED: 10/01/06
PREPARER: John Boland

General Description: silicone sealant
Physical Form: paste
Color: optically clear
Odor: vinegar (acetic acid) odor when curing
NFPA Profile: Health 1 Flammability 1 Reactivity 0

NOTE: NFPA = National Fire Protection Association

(SECTION 2) COMPOSITION

SINGLE OR MIXTURE: Mixture

CHEMICAL IDENTIFICATION: Organopolysiloxane mixture

HAZARDOUS COMPONENT: No hazardous material present (see section 8 of this msds for exposure Guideline.)

(SECTION 3) HAZARDOUS IDENTIFICATION

HAZARDOUS CLASSIFICATIONS: None

FIRE & EXPLOSION: Not considered flammable nor combustible, but will burn if involved in a fire.

POTENTIAL HEALTH EFFECT:

INHALATION: May cause irritation to mucous membranes and upper respiratory tract.

SKIN CONTACT: Causes mild skin irritation.

EYES CONTACT: Causes eye irritation.

INGESTION: No information is available.

(SECTION 4) FIRST AID MEASURES

INHALATION: Remove to fresh air.

SKIN CONTACT: Immediately remove product from skin with dry cloth and wash exposed area with detergent.

EYES CONTACT: Immediately flush with plenty of water for at least 15 minutes and promptly call a physician.

INGESTION: Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconcious person. Call a physican immediately.

(SECTION 5) FIRE FIGHTING MEASURES

FLASH POINT (method used): Not applicable (solid)

FLAMMABLE LIMITS: Lower: Not determined Upper: Not determined

EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide, or fine water spray.

SPECIAL FIRE FIGHTING PROCEDURE: None

UNUSUAL FIRE & EXPLOSION HAZARD: None

(SECTION 6) ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE OF MATERIAL IS RELEASED OR SPILLED:

Shut off all ignition sources

Wear appropriate protective equipment.

Contain the spill or leak.

Scrape up with rag and place in container.

(SECTION 7) HANDLING & STORAGE

PRECAUTION TO BE TAKEN IN HANDLING AND STORING:

Keep container closed when not in use.

Store in cool place.

Keep away from heat, sparks and fire.

Do not lay the container on its side.

Use only with adequate ventilation.

Avoid prolonged breathing vapor.

Avoid contact with eyes and skin.

Contact lens wearers take appropriate precaution.

Keep our of reach of children.

**** Information about emptied container ****

Do not re-use this container.

Keep away from heat, sparks, and flame.

Do nut puncture or cut this container, and do not weld on or near this container.

(SECTION 8) EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES: ACGIH TLV-TWA: 10ppm ; STEL 15ppm,
OSHA PEL: 8H TWA 100PPM, [Acetic acid; decomposed product]
RESPIRATORY PROTECTION (specify type): Use air supplied breathing apparatus unless local exhaust
ventilation is adequate or decomposed product is within TLV and PEL guideline.
VENTILATION: LOCAL EXHAUST: Required.
MECHANICAL (general): Adequate ventilation system
SPECIAL: Unknown
OTHER: Pay attention to ventilation such as local exhaust, mechanical and / or door
open for at least 24 hours after application.
PROTECTIVE GLOVES: Plastic film or rubber gloves.
EYE PROTECTION: Safety glasses
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash equipment.
WORK HYGIENIC PRACTICES:
Keep away from heat, sparks and flame.
Avoid prolonged breathing vapor.
Avoid contact with eyes and skin.
Wash hands after handling.

(SECTION 9)

BOILING POINT: Not applicable
VAPOR PRESSURE: Negligible (25 degrees C)
VAPOR DENSITY (air=1): >1
SPECIFIC GRAVITY: 1.05 (25 degrees C)
MELTING POINT: Not applicable
EVAPORATION RATE: <1 (Butyl Acetate=1)
SOLUBILITY IN WATER: Not soluble
APPEARANCE (color): Colorless, transparent
APPEARANCE (form): Paste
ODOR: Acetic acid odor

(SECTION 10) STABILITY AND REACTIVITY

STABILITY: Stable
CONDITION TO AVOID: Exposure to air or moisture until ready to use – causes curing and acetic acid
Vapors form gradually.
INCOMPATIBILITY DECOMPOSITION OR BY-PRODUCT: Water, moisture, or humid air can cause
acetic acid. Thermal breakdown of this product during fire or very high heat condition may evolve
the following hazardous decomposition product: Carbon oxides and traces of incompletely burned
carbon compounds. Silicon dioxide. Formaldehyde.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITION TO AVOID: None

(SECTION 11) TOXICOLOGY INFORMATION

SKIN IRRITANT: Skin Rabbit: 20mg / 24 hr Moderate [acetic acid: decomposed product]
EYE IRRITANT: Eye Rabbit: 0.05mg (open) Severe [acetic acid: decomposed product]
ACUTE TOXICOLOGY (LD50) (oral / rat) 3.31g/kg (Acetic acid: decomposed product)
ACUTE TOXICITY: (LC50) (inhalation / mouse):5620 ppm/1hr. [Acetic acid: decomposed product]
CHRONIC TOXICITY: No information is available.
CARCINOGENICITY: NTP: Not listed, IARC: Not listed OSHA REGULATED: Not listed
OTHER INFORMATION: None

(SECTION 12) ECOLOGICAL INFORMATION

BIODEGRADATION: Not applicable
BIOACCUMULATION: No information is available.
AQUATIC TOXICITY: No information is available.
OTHER INFORMATION: None

(SECTION 13) DISPOSAL CONSIDERATION

Can be land filled for cured product or burned in a chemical incinerator equipped with an afterburner and scrubber. Do not dispose the emptied container unlawfully. Observe all federal, state and local laws.

(SECTION 14)

UN NO: None
IMO CLASSIFICATION AND CLASS: None
PACKAGING GROUP: None
PROPER SHIPPING NAME: None
TECHNICAL SHIPPING NAME: None
MARINE POLLUTANT: None
DOT REPORTABLE QUANTITY (PQ):
HAZARD SUBSTANCE (S) NAME / (CAS No.) Contents and RQ: Not applicable

(SECTION 15) REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Listed on the TSCA Inventory.
EUROPEAN INVENTORY OF EXISTING COMERCIAL CHEMICAL SUBSTANCES (EINECS)
STATUS: Listed on the EINECS.
LABELING ACCORDING TO EC-REGULATIONS REQUIRED:
SYMBOL: Not required
R-PHRASE: Not required
S-PHRASE: Not required
CONTAINS: None

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SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III
SECTION 313 SUPPLIER INFORMATION:

This regulation requires submission of annual reports of toxic chemical (s) that appear in section 313 of the emergency planning and community Right-To-Know Act of 1986 and 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for the material. The toxic chemical (s) contained in this product are:

CHEMICAL NAME / (CAS No.) AND CONTENTS: None
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CALIFORNIA PROPOSITION 65:

This regulation requires a warning for California Proposition 65 chemical (s) under the statute. The California Proposition 65 chemical (s) contained in this product are:

CHEMICAL NAME / (CAS No.) AND CONTENTS: Toluene (108-88-3) : <0.1 %

(SECTION 16) OTHER INFORMATION

FOR INDUSTRIAL & CONSTRUCTION USE ONLY

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This materials safety data sheet is offered solely for your information, consideration, and investigation. The data described in this MSDS consist of data on literature, our acquisitional data analogical inference by data of similar chemical substances or product. Silco Incorporated provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.

** END OF MSDS **