



1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Name: MS-900
RTV Silicone Sealant/Adhesive

Product Use: Silicone sealant/adhesive

Chemical Identification: Organopolysiloxane mixture

MANUFACTURER/DISTRIBUTOR:

Miller-Stephenson Chemical
55 Backus Ave.
Danbury, Conn. 06810 USA
(203) 743-4447

Emergency Phone Number:
(800) 424-9300

Date Revised: October 2013

2. HAZARDS IDENTIFICATION

RELEVANT ROUTES OF EXPOSURE: Skin, Inhalation, Eyes

INHALATION: Vapor overexposure may cause drowsiness, injure blood and liver, and may irritate eyes, nose and throat.

SKIN: On direct contact uncured product or its vapors may cause slight irritation to skin.

EYE: On direct contact uncured product or its vapors may cause slight irritation to eyes.

INGESTION: No information is available

EXISTING CONDITIONS AGGRAVATED BY EXPOSURE: None determined.

3. HAZARDOUS INGREDIENTS

No hazardous materials present
(See section 8 of this MSDS for Exposure Guidelines)

4. FIRST AID MEASURES

Inhalation: Remove to fresh air.

Eye: Immediately flush with water for at least 15 minutes and promptly call a physician.

Skin: Immediately remove product from skin with dry cloth or towel, and wash exposed area with detergent.

Ingestion: Wash out mouth with water provided person is conscious. Do not give anything to an unconscious person. Call physician immediately.

5. FIRE FIGHTING MEASURES

Flash Point: N.A. (Solid)

Autoignition Temperature: Not Determined

Flammable Limits in Air, % by Vol.: Not Determined

Extinguishing Media: Foam, carbon dioxide, dry chemical or fine water spray.

Special Fire Fighting Instruction: None

Unusual fire and explosion Hazard: None

6. ACCIDENTAL RELEASE MEASURES

Shut off all ignition sources. Contain the spill or leak. Scrape up with cardboard or rag and place in container.

7. HANDLING AND STORAGE

Handling: Use with adequate ventilation. Avoid contact with eyes and skin. Contact lens wearers take appropriate precaution.

Storage: Keep container closed with not in use. Store in cool, dry place with adequate ventilation. Keep away from heat, sparks, and flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Vender Guide; 3ppm (TWA), 10 ppm (STEL)

AIHA WEEL*; 10 ppm (TWA)

[Methylethylketoxime; decomposed product]

(*AIHA WEEL = American Industrial Hygiene Association Workplace Environmental Exposure Level)

Respiratory Protection (Specific Type): Use air-supplied breathing apparatus unless local exhaust ventilation is adequate or decomposed product is within AIHA guideline.

Ventilation:	Local Exhaust:	Required
	Mechanical (general):	Adequate ventilation system
	Special:	Unknown
	Other:	Pay attention to ventilation system such as local exhaust, mechanical and/or leave door open for at least 24 hours after application.
Protective Gloves:		Plastic Film or rubber gloves
Other Protective Clothing and Equipment:		Eyewash equipment available.
Work/Hygienic Practices:		Wash hands after handling. Keep away from heat and flame. Avoid contact with eyes and prolonged skin contact. Avoid prolonged breathing vapor.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: N.A.

Melting point: N.A.

Specific Gravity: 1.05 (25°C)

Vapor Pressure(mmHg): Negligible (25°C)

Vapor Density (Air=1): >1

Solubility in H₂O: Not soluble

Evaporation Rate: <1 (Butyl Acetate=1)

Appearance (color): See Cartridge

Appearance: Paste

Odor: Oxime odor

10. STABILITY AND REACTIVITY

Stability: Stable

Material to avoid: Water or moisture.

Condition to avoid: Exposure to air and moisture until ready to use – causes curing and methylethylketoxime vapor to form gradually

Hazardous decomposition products: Water, moisture, or humid air can cause Methylethylketoxime. 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. Silicone dioxide, Nitrogen oxides, Formaldehyde.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity: None of the components in this product are listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.

Additional Information: Methyl Ethyl Ketoxime (MEKO) – Decomposition product.

Material with generate MEKO on exposure to humid air, gradually. Male rodents exposed to MEKO vapor at high concentration throughout their lifetime developed liver cancer. But relevance to humans in uncertain now. Please read the detail information to MEKO below.

Skin Irritation: Causes mild irritation. Can be absorbed through the skin

Eye Irritation: Causes severe irritation.

Acute Oral Tox: LD50 (rat) = 4ml/kg.

Acute Inhalation Tox: LC50 (rat) = >4.8 mg/l

Inhalation Tox: Shows narcotic action at high concentration
May produce blood effects

Skin Sensitization: Positive (guinea pig)

Neurotoxicity: High dose can produce transient and reversible change in neurobehavioral function. No evidence of cumulative neurotoxicity was detected.

Mutagenicity: Not considered mutagenic based on several in vitro and vivo studies.

Other Chronic Study: Degenerative effects on the olfactory epithelium of the nasal passages occurred in a concentration related manner in males and females for mice and rats at MEKO concentrations of 15.75 and 375 ppm.

12. ECOLOGICAL INFORMATION

Not available

13. DISPOSAL CONSIDERATIONS

Can be land-filled for cured product or burned in a chemical incinerator equipped with an afterburner and scrubber. Dispose according to local, state, federal and provincial regulations.

14. TRANSPORT INFORMATION

U.S. DOT

Not Regulated

IATA

Not Regulated

IMDG

Not Regulated

15. REGULATORY INFORMATION

UNITED STATES REGULATORY INFORMATION

TSCA: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

California Proposition 65: This product does not contain a chemical known to the State of California to cause cancer and/or birth defects or other reproductive harm.

EUROPEAN REGULATORY INFORMATION

European Inventory Of Existing Commercial Chemical Substances (EINECS) Status: Listed on EINECS

Labeling According To EC-Regulations Required:

Symbol: Not required
R-Phrase: Not required
S-Phrase: Not required
Contains: None

Superfund Amendments and reauthorization to of 1986 (SARA) Title III Section 313 Supplier Notification:

This regulation required 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 the toxic chemical(s) contained in this product are:

Chemical Name(CAS No.) And Contents: None

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