MATERIAL SAFETY DATA SHEET **RTV 919 (ALMOND)**

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

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

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

Revision Date: 10/01/06

General Description: Silicone aqueous based emulsion
Physical Form: Paste
Color: Almond
Odor: Slight

NFPA PROFILE: Health – 0 Flammability – 0 Instability / Reactivity – 0

Note: NFPA = National Fire Protection Association

2. COMPOSITION / INFORMATION ON INGEDIENTS

Component	CAS REG NUMBER	OSHA HAZARD	PERCENTAGE
Aqueous blend reactive silicone and Nonion IC emulsions	**********	N	**********
Inert Fillers	**********	N	**********

3. HAZARDOUS IDENTIFICATION

A. Hazardous Overview:

Physical Appearance and odor: White paste like solid, slight odor.
Warning Statements: May cause skin and eye irritant.

B. Potential Health Effects;

Acute Eye: Slightly irritating
Acute Skin: Slightly irritating
Acute Inhalation: Inhalation not likely
Acute Ingestion: May be harmful if swallowed
Chronic Effects: This product does not contain any ingredient designated by IARC, NTP, ACGIH, or OSHA as probable or suspected human carcinogens.

4. FIRST AID MEASURES

First Aid Measures For Accidental :

Eye Exposure: In case of contact, immediately absorb excess with clean absorbent cloth or cotton. Then hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists of if visual changes occur.

Skin Exposure: Immediately wipe excess material off skin with a dry cloth; then wash skin with plenty of water and soap. Seek medical attention if irritation develops or persists.

Inhalation: Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

Ingestion: If victim is concious and alert, give 1 – 2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.

Medical Conditions Possibly Aggravated By Exposure: No specific information found.

Notes To Physician: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Treat symptomatically. No specific antidote available.

5. FIRE FIGHTING MEASURES

Fire Hazard Data:

Flash Point: Not applicable

Extinguishing Media: Recommended: dry chemical, foam, carbon dioxide.

Special Fire Fighting Procedures: Firefighters should wear NIOSH / MSHA approved self contained breathing apparatus and full protective clothing. Cool containers exposed to fire with water.

Unusual Fire and Explosion Hazards: Under fire conditions and at high temperatures, as water evaporates, the residue can decompose and support combustion.

Hazardous Decomposition Materials (Under Fire Conditions):

- Formaldehyde
- Oxides of carbon
- Silica (crystalline)
- Oxides of calcium

6. ACCIDENTIAL RELEASE MEASURES

Evacuation Procedures and Safety: Wear appropriate protective gear for the situation. See Personal Protection information in section 8. CAUTION: Spilled material may make the floor slippery. Do not leave traces of product on floors, ladders, etc., as this may present a slipping hazard.

Containment of Spill: Follow procedures described below under Cleanup and Disposal of Spill.

Cleanup and Disposal of Spill: Absorb with an inert absorbent. Scrape up and place in appropriate closed container (see section 7: Handling and Storage). Clean up residual material by washing area with water.

Environmental and Regulatory Reporting: Do not flush to drain.

7. HANDLING & STORAGE

Minimum / Maximum Storage Temperatures: Not Available

Handling: Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes.

Storage: Store in tightly closed containers. Store in an area that is clean, dry, well ventilated, away from combustible material, SHIP AND STORE BETWEEN 40 – 80 F. Recommended container material: coated, steel, plastic. Container material to avoid: ordinary steel.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Introductory remarks:

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with section 13: Disposal Considerations.

Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufactures.

This product can form formaldehyde vapors when heated to temperatures above 150 C in the presence of air. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the nose, eyes, throat, skin, and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde.

Exposure Guidelines: No exposure limits were found for this product or any of it’s ingredients.

Engineering Controls: Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution / exhaust ventilation.

Respiratory Protection: Where respirators are required, select NIOSH / MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and or / industrial recommendations. For reasonably foreseeable industrial end uses of this material, respiratory protection should not be necessary.

Eye / Face protection: Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 Approved equipment should be selected for the particular use intended for this material. It is generally regarded as god practice to wear a minimum of safety glasses with side shields when working in industrial environments.

Skin Protection: Skin contact should be minimized through use of gloves and suitable long sleeved clothing (i.e., shirts and pants). Consideration must be be given both to the durability as well as permeation resistance.

Work Practice Controls: Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material.

(1) Do not store, use, and or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
(2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
(3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical properties here represent typical properties of this product. Contact the business area using this Product Information phone number in Section 1 for its exact specifications.

Physical Appearance:	White paste like solid.
Odor;	Slight odor
PH:	10.5 at 100 wt / wt%
Specifc Gravity:	1.32 at 25 C (77 F)
Water Solubility:	dispersible
Melting Point Range:	Not available
Boiling Point Range:	Not available
Vapor Pressure:	23 to 0 mmHg at 20 C (68 F)
Vapor Density:	Not available

10. STABILITY AND REACTIVITY

Chemical Stability: This material is stable under normal handling and storage conditions described in Section 7.

Conditions To Be Avoided:
Combustible materials
Heat
Open flame
Spark

Materials / Chemicals To Be Avoided:
Strong bases
Strong acids
Strong oxidizing agents
Water reactive chemicals

The Following Hazardous Decomposition Products Might Be Expected:
Decomposition Type: thermal.
Dimethylcyclosiloxanes
Methylphenylcyclosiloxanes

Decomposition Type: oxidative / thermal
Formaldehyde

Hazardous Polymerization will not occur.
Avoid the following to inhibit hazardous polymerization: Not applicable

12. TOXICOLOGICAL INFORMATION

Acute Eye Irritation: The following data are for the specified ingredients.

Toxicological Information and Interpretation: eye – eye irritation, rabbit. Slightly irritating.

Acute Skin Irritation: The following data is for the specified ingredient.

Toxicological Information and Interpretation: skin – skin irritation, rabbit. Slightly irritating.

Acute Dermal Toxicity: No test data found for product.

Acute Respiratory Irritation: No test data found for product.

Acute Inhalation Toxicity: No test data found for product.

Acute Oral Toxicity: No test data found for product.

Chronic Toxicity: This product does not contain and substances that are considered by OSHA, NTP, IARC, or ACGIH to be “probable” or “suspended” human carcinogens.

12. ECOLOGICAL INFORMATION

Ecotoxicological Information: No data found for this product.

Ecotoxicological Information and interpretation:
EC50 – effective concentration 50% of the test species, > 100mg/1/48 hr, Daphnia magna.
Data for similar product
LC50 – Lethal concentration 50% of test species, > 100mg/1/96 hr, fish: Brachyda rerio. Data for similar product.

Chemical Fate Information: No data found for product.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Chemical additions, processing or otherwise altering this material may make the waste management information presented in the MSDS incomplete, in accurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

Container Handling and Disposal: Any containers or equipment used should be decontaminated immediately after use.

EPA Hazardous Waste: No

14. TRANSPORTATION INFORMATION

Transportation Status: Important: Statements below provide additional data on listed DOT classification. The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment, or other regulatory descriptors.

US Department of Transportation Shipping Name: Not regulated

15. REGULATORY INFORMATION

Inventory Status

Inventory	Status
United States (TSCA)	Y
Canada (DSL)	E
Europe (EINECS/ELINCS)	N
Australia (AICS)	Y
Japan (MITI)	N
South Korea (KECL)	Y

Y = All ingredients are on the inventory.
E = All ingredients are on the inventory exempt from listing.
P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.
N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing.

Federal Regulations

Inventory Issues: All functional components of this product are listed on the TSCA Inventory.

SARA Title III Hazard Classes:

Fire Hazard	- No
Reactive Hazard	– No
Release of Pressure	– No
Acute Health Hazard	– No
Chronic Health Hazard	- No

State Regulations: This product does not contain any components that are regulated under California Proposition 65.

16. OTHER INFORMATION

National Paint & Coating Hazardous Materials Identification System – HMIS®:
0 Health Hazard Rating -- Minimal
0 Flammability Rating -- Minimal
0 Reactivity Rating – Minimal

Reason for Revisions: Change and / or addition made to Section 3, Section 8.

Key Legend Information:
ACGIH – American Conference of Governmental Industrial Hygienists
OSHA – Occupational Safety and Health Administration
TLV – Threshold Limit Value
PEL – Permissable Exposure Limit
TWA – Time weighted average
STEL – Short term Exposure Limit
NTP – National Toxicology Program
IARC – International Agency for Research on Cancer
ND – Not determined

Disclaimer: The information herein is given in good faith but no warranty, expressed or implied is made.

******** END OF MSDS ********