

# **MATERIAL SAFETY DATA SHEET**

OSHA FORM 174

Menards SKU: 6384335, 6384347, 6384348, 6384349

**PRODUCT NAME:** RTV SILICONE SEALANTS  
**PRODUCT CODE:** H601B, H601C, H613, H600B, H600C & H600R  
**HMIS CODES:** H-0, F-1, R-0, P-0 (HEALTH - FIRE - REACTIVITY - PROTECTION)  
**HMIS RATING:** 0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS, 4=SEVERE

## **SECTION I - MANUFACTURER IDENTIFICATION**

**MANUFACTURER'S NAME:** MEECO MANUFACTURING COMPANY, INC.  
**ADDRESS:** 432 S Cloverdale St., Seattle, WA 98108  
**EMERGENCY PHONE:** 1-206-262-8340  
**DATE PREPARED:** 8/15/2011 **NAME OF PREPARER:** MEECO MFG. CO., INC.  
**LAST REVISION:** 8/15/2011

## **SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

HAZARDOUS COMPONENTS	CAS #	OSHA PEL	ACGIH TLV	OTHER	VAPOR PRESS	WEIGHT %
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Methyltriacetoxysilane	4253-34-3	See below	See below			2
Ethyltriacetoxysilane	17689-77-9	See below	See below			2
Silica	7631-86-9	6 10mg/m3				10

**COMMENT:** TLV for acetoxysilane based on acetic acid formed during curing on exposure to water, moisture, or humid air. Observe limits for acetic acid, formed during curing on exposure to water or humid air. OSHA PEL: TWA 10 PPM. ACGIH: TWA 10 PPM, STEL 15 PPM.

## **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

**BOILING POINT:** N/A **SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.04  
**VAPOR DENSITY:** N/A **EVAPORATION RATE:** N/A  
**V.O.C.:** Less than 5%.  
**SOLUBILITY IN WATER:** Less than 0.1%  
**APPEARANCE AND ODOR:** Black, Clear or Red paste in color, slight ammonia odor.

## **SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** N/A  
**FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER:** N/A **UPPER:** N/A  
**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub>, Dry Chemical, Water.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Self contained breathing apparatus with a full face piece operated in a pressure demand or other positive pressure mode and full protective clothing.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None.

## **SECTION V - REACTIVITY DATA**

**STABILITY:** Stable  
**CONDITIONS TO AVOID:** Exposure to air or moisture until ready to use..  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Oxidizing material can cause a reaction. Air or moisture causes curing and acetic acid vapor forms..  
**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Silicone dioxide, carbon dioxide and traces of incompletely burned carbon products including formaldehyde..  
**HAZARDOUS POLYMERIZATION:** Will not occur.

## **SECTION VI - HEALTH HAZARD DATA**

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Excessive inhalation of material may cause slight irritation.  
**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**  
**EYE** – May cause slight pain and redness..  
**SKIN** – Slight reddening if exposure is long or repeated.

**SECTION VI - HEALTH HAZARD DATA - continued**

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Harmful if swallowed. Ingestion may cause very serious damage to the mucous membranes or other tissues with which contact is made, and may be fatal. Swallowing may cause irritation of the digestive tract, nausea, vomiting and diarrhea.

**CARCINOGENICITY:** This material is NOT considered to be a carcinogen by the National Toxicology Program, the International Agency for Research on Cancer, or the Occupational Safety and Health Administration.

**NTP?** No      **IARC MONOGRAPHS?** No      **OSHA REGULATED?** No

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES** – Irrigate with flowing water immediately and continuously for 15 minutes, lifting the upper and lower eyelids occasionally. Consult medical personnel.

**SKIN** - Wipe off. Wash off in flowing water or shower. Remove contaminated clothing and wash before re-use.

**INGESTION** – Seek medical attention immediately. Never give anything by mouth to an unconscious person.

**INHALATION** – Move individual to fresh air. If not breathing, give mouth-to-mouth resuscitation. If breathing is difficult, give oxygen. Seek medical attention.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

**SMALL SPILL** – Wipe up product and use absorbent material to remove any oil-like residues.

**LARGE SPILL** – Wipe up product and use absorbent material to remove any oil-like residues.

**WASTE DISPOSAL METHOD:** review federal, provincial and local government requirements prior to disposal.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Exercise reasonable care and caution. Store in a cool, dry place away from all sources of ignition.

**OTHER PRECAUTIONS:** provide adequate ventilation during use to keep ambient air acetic vapor concentration below TLV or use respiratory protection. **COMMENT:** When heated to temperatures above 150°C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard; a known skin and respiratory sensitizer; and an irritant to the eyes, nose, throat, skin and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA permissible exposure limit for formaldehyde. All hazard precautions given in the data sheet must be observed.

**SECTION VIII - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** If Threshold Limit Value (TLV) of the product or any component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified conditions.

**VENTILATION:** Provide general or mechanical ventilation or local exhaust to keep vapor concentrations below TLV or materials in Section II and LEL in Section IV.

**PROTECTIVE GLOVES:** Use cloth gloves to prevent prolonged skin contact.

**EYE PROTECTION:** use safety eye wear designed to protect eyes against liquid splash and mists. Consult your safety equipment supplier.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Use protective clothing to prevent skin contact. Suitable respirator: acid gas/organic vapor type.

**WORK/HYGIENIC PRACTICES:** Wash hands before eating or using the restroom. Minor exposure levels.

**SECTION IX - DISCLAIMER**

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