

# MATERIAL SAFETY DATA SHEET

OSHA FORM 174

**PRODUCT NAME:** GASKET CEMENT  
**PRODUCT CODE:** 110, 110C, GLUE, GLUE-2, GLUE-32 (6384331 & 6384350)  
**HMIS CODES:** H-1, F-0, R-0, P-B (HEALTH - FIRE - REACTIVITY - PROTECTION)  
**HMIS RATING:** 0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS, 4=SEVERE

For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident: Call CHEMTREC Day or Night  
**DOMESTIC NORTH AMERICA 800-424-9300**  
**INTERNATIONAL, CALL 703-527-3887 (collect calls accepted)**

## 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:** 8/23/11 **NAME OF PREPARER:** MEECO MFG. CO., INC.  
**LAST REVISION:** 8/23/11

## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<b>HAZARDOUS COMPONENTS</b>	<b>CAS #</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>OTHER</b>	<b>VAPOR PRESS</b>	<b>WEIGHT %</b>
Sodium silicate	1344-09-8	2 mg / m3	2 mg / m3			<90

No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

**BOILING POINT:** 2000° F **SPECIFIC GRAVITY (H2O=1):** >1  
**VAPOR DENSITY:** NA **EVAPORATION RATE:** Slower than ether  
**V.O.C.:** NA  
**SOLUBILITY IN WATER:** 100%.  
**APPEARANCE AND ODOR:** Gray paste without odor.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** NA  
**FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER:** NA **UPPER:** NA  
**EXTINGUISHING MEDIA:** Foam, CO2, 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:** May produce hazardous fumes or hazardous decomposition products. Contact with some metals (i.e. aluminum, magnesium, zinc, etc.) can generate flammable/explosive hydrogen gas.

## SECTION V - REACTIVITY DATA

**STABILITY:** Stable  
**CONDITIONS TO AVOID:** Avoid contact with acids.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Avoid contact with acids.  
**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** When heated to decomposition, it emits toxic oxides of sodium.  
**HAZARDOUS POLYMERIZATION:** Will not occur.

## SECTION VI - HEALTH HAZARD DATA

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Excessive inhalation of material may cause eye damage and irritation to the skin and mucous membrane..  
**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**  
**EYE** – May cause severe burns, stinging, tearing, redness, swelling, permanent damage and/or loss of vision.  
**SKIN** – Direct contact may cause redness or burning, drying and cracking of the skin.  
**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Harmful if swallowed. Ingestion may cause very serious damage to the mucous membranes or other tissues of mouth, throat and stomach, 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.

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

**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** - Wash off with soap and water. Remove contaminated clothing and wash before reuse.

**INGESTION** – If swallowed, do NOT induce vomiting. Drink large amounts of water to dilute. 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** – Contain spilled liquid with dry material and transfer to labeled containers or hood.

**LARGE SPILL** – Stop spill at source, dike area of spill to prevent spreading, pump liquid into salvage tank. Remaining liquid may be taken up by sand, clay, floor absorbent or other absorbent material and shoveled into labeled containers or hood. Notify proper authorities that a spill has occurred.

**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:** Keep containers covered away from acids. 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 of materials in Section II and LEL in Section IV.

**PROTECTIVE GLOVES:** Use impermeable 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. Use head caps, boots, chemical aprons when necessary.

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

**SECTION IX - DISCLAIMER**

NOTICE: Although the information and recommendations set forth herein (hereinafter “information”) are presented in good faith and believed to be correct as of the date hereof, MEECO Manufacturing Company, Inc. makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to the suitability for their purposes prior to use. In no event will MEECO Manufacturing Company, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers.

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