



MATERIAL SAFETY DATA SHEET May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

PRODUCT NAME: WATERSTOP-RX 101T

Section I MANUFACTURER'S INFORMATION

MANUFACTURER'S NAME & ADDRESS:

CETCO – Building Materials Group
1500 West Shure Drive
Arlington Heights, IL 60004

Telephone Number: (847) 392-5800 / E-mail: www.cetco.com
EMERGENCY CONTACT: CHEMTREC (800) 424-9300
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Section II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>HAZARDOUS COMPONENTS</u> (Specific Chemical Identity: Common Name(s))	OSHA PEL (TWA)	ACGIH TLV (TWA)	NIOSH REL (TWA)	% (optional)
Quartz: CAS# 14808-60-7 (naturally occurring constituent)	–	–	–	1 - 4%
Respirable Quartz:	10 mg/m ³ ÷ (%SiO ₂ + 2)	50 µg/m ³	50 µg/m ³	–

Although this product contains approximately 1-4% of total crystalline quartz, it is in a non-volatile binder. Therefore, no exposure to respirable quartz dust is anticipated under normal use of the product.

- OSHA PEL** - OSHA Permissible Exposure Limit, 8 hour Time-Weighted Average
- ACGIH TLV** - American Conference of Governmental Industrial Hygienists Threshold Limit Value, 8 hr. TWA, 40 hr. week
- NIOSH REL** - National Institute for Occupational Safety and Health, Recommended Exposure Limit, 10 hr. TWA, 40 hr. week

PRODUCT IDENTIFICATION

Chemical Name: Elastomeric Butyl Bentonite Clay Sealant
Chemical Family: Butyl Rubber, Bentonite Clay Blend
CAS No: 1302-78-9 (Bentonite is on the TSCA inventory)
NFPA/HMIS: Health – 1*, Fire - 0, Reactivity - 0, Specific Hazard - See Section VI.
DOT Class: Not Regulated (49 CFR, IMDG, ICAO, IATA)

Section III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	Not Applicable	Specific Gravity (H₂O = 1):	1.51
Vapor Pressure (mm Hg.):	Not Applicable	Melting Point:	Not Applicable
Vapor Density (AIR = 1):	Not Applicable	Evaporation Rate (Butyl Acetate = 1):	Not Applicable
Solubility in Water:	Slight		
Appearance and Odor:	Tacky gray to black elastomeric tape sealant, odorless		



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Section IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 365°F (COC)
Flammable Limits: Not Available **LEL - Not Available** **UEL - Not Available**
Extinguishing Media: Dry chemical, foam or CO₂. Water may be ineffective.
Special Fire Fighting Procedures: Respiratory protection recommended.
Unusual Fire/Explosion Hazards: None Known.

Section V REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** Temperatures in excess of 130°F.
Incompatibility (Materials to Avoid): None Known.
Hazardous Decomposition or By-products: : In the event of partial combustion, fumes, smoke and other decomposition products may be released.
Hazardous Polymerization: Will Not Occur **Conditions to Avoid:** None Known

Section VI HEALTH HAZARD DATA

Route(s) of Entry: Inhalation? No Skin? No Ingestion? Unlikely
Health Hazards (Acute and Chronic): None Known.
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No
Chronic effects: Exposure to respirable quartz will not occur upon contact with this product under normal conditions of use.
Signs and Symptoms of Exposure: Eye contact can cause irritation, redness, tearing and possibly blurred vision.
Medical Conditions Generally Aggravated by Exposure: None Known.
Emergency and First Aid Procedures: Treat as a foreign object in the eye. Flush with water.

Section VII PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Collect material for disposal.
Waste Disposal Method: Dispose of in accordance with federal, state and local regulations for solid waste.
Precautions to Be Taken in Handling and Storing: Do not store at temperatures above 130°F. A cool dry area is best.
Other Precautions: None Known.

Section VIII CONTROL MEASURES

Respiratory Protection (Specify Type): Not Required.
Ventilation: Local Exhaust - As Appropriate Special - None
Mechanical (General) - As Appropriate Other - None
Protective Gloves: Not Required **Eye Protection:** Not Required
Other Protective Clothing or Equipment: None **Work/Hygienic Practices:** Use good housekeeping practices.



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Section IX REGULATORY INFORMATION

SARA 311/312: Hazard Categories for SARA Section 311/312 Reporting: Chronic Health

SARA 313: This product contains the following chemicals subject to annual release reporting requirements under the SARA section 313 (40 CFR 372): None

CERCLA Section 103 Reportable Quantity: None

California Proposition 65: This product contains the following substances known to the state of California to cause cancer and/or reproductive harm: crystalline silica (respirable).

Toxic Substances Control Act: All of the components of this product are listed on the EPA TSCA Inventory or are exempt from notification requirements.

European Inventory of Commercial Chemical Substances: All the components of this product are listed on the EINECS Inventory or exempt from notification requirements. (The EINECS number for Quartz: 231-545-5)

Canadian Environmental Protection Act: All the components of this product are listed on the Canadian Domestic Substances List or exempt from notification requirements.

Japan MITI: All the components of this product are existing chemical substances as defined in the Chemical Substance Control Law

Australian Inventory of Chemical Substances: All the components of this product are listed on the AICS Inventory or exempt from notification requirements.

Canadian WHMIS Classification: This product contains crystalline silica, classified as a Class D, Division 2, Subdivision A substance.

European Community Labeling Classification: Harmful (Xn)

European Community Risk and Safety Phrases: R40, R48, S22

REFERENCES: Registry for Toxic Effects of Chemical Substances (RTECS), 1995.
Patty's Industrial Hygiene and Toxicology
NTP Ninth Annual Report on Carcinogens, 1997
IARC Monograph Volume 68, Silica, Some Silicates and Organic Fibers, 1997

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