



MATERIAL SAFETY DATA SHEET

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Section 1 – Material Identification

Product Name: ST-30 Butyl
Product Type: Grout Form Sealant
Emergency Number(s): (800) 255-3924 24 hrs. (Continental U.S.)
(813) 248-0585 24 hrs. (Outside Continental U.S.)

Revision Notes: Annual Updating

Section 2 – Hazardous Ingredients

#	wt %	CAS Number	Chemical Name
1.	<1 %	14808-60-7	Quartz (SiO ₂)
2.	1-20	1333-86-4	Carbon Black

OSHA (ACGIH) EXPOSURE LIMITS

	TWA		STEL		CEILING		Notes
	ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
1. OSHA ACGIH		0.1					
2. OSHA ACGIH		3.5					

Section 3 – Health Hazards

EMERGENCY OVERVIEW

HMIS HEALTH RATING: 0 **FLAMMABILITY:** 0 **REACTIVITY:** 0

HMIS Hazard Rating → Least – 0 Slight – 1 Moderate – 2 High – 3 Extreme – 4

Routes of Exposure: Eye Contact, Ingestion (not likely).

Health Hazards: Can cause eye irritation, redness, tearing and blurred vision.

Target Organs: Eyes.

Signs and Symptoms of Exposure (Acute Effects): Eye irritation and redness.

Signs and Symptoms of Exposure (Possible Longer Term Effects): Potential carcinogen.

Medical Conditions Generally Aggravated by Exposure: None known.

Carcinogens under OSHA, ACGIH, NTP, IARC, other: The International Agency for Research on Cancer (IARC) Monographs has identified respirable quartz (SiO₂) as a suspect human cancer causing agent based on limited human evidence but sufficient evidence in experimental animals (Class 2A). **Exposure to respirable quartz will not be possible with this product under normal conditions of use.** This product contains carbon black which is a known animal carcinogen, and possible human carcinogen (Class 2B).

Section 4 – First Aid

Eye Contact: Treat as a foreign object in the eye. Flush with large amounts of water, frequently flushing under the lids. Get medical attention if irritation persists.

Skin Contact: Not applicable

Inhalation: Not applicable.

Ingestion: Not applicable.

Section 5 – Fire and Explosion Data

Flash Point (ASTM D92): 375°F

Upper Explosion Limit (UEL): Not applicable

Auto Ignition Temperature: No data available

Lower Explosion Limit (LEL): Not applicable

Fire Hazard Classification (OSHA/NFPA): This product is not considered flammable nor combustible, but will burn if involved in a fire.

Extinguishing Media: Foam, water or carbon dioxide (CO2).

Recommended Fire Fighting Procedures: Treat as a class "B" fire. Limit fire fighting to those trained to do so. Minimize breathing gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

Unusual Fire and Explosion Hazards: None known.

Section 6 – Accidental Release Measures

Containment Techniques (Removal of ignition sources, diking, etc.):

Clean-Up Procedures: Shovel or scoop into a sealable container for disposal.

Other Emergency Advice:

Section 7 – Handling and Storage

Storage: Store in a cool, dry area. Do not store at temperatures in excess of 130°F.

Handling: Do not handle at temperatures in excess of 130°F.

Section 8 – Personal Protection/Exposure Controls

Eye Protection: Safety glasses with side shields if needed.

Hand Protection: Not needed.

Respiratory Protection: Under conditions of normal use the respirable quartz contained in the product is a completely incorporated component, and as such should not present an inhalation hazard. No respirator is needed.

Protective Clothing: None needed.

Work and Hygienic Practices: Avoid prolonged or repeated contact with the skin. Product is readily removed from the skin with waterless hand cleaners followed by washing with soap and water.

Section 9 – Typical Physical and Chemical Properties

Physical Form: Tacky solid

Vapor Density: Not applicable

Color: Black

Boiling Point: Not applicable

Odor: Slight oil odor

Melting Point: Not applicable

pH: No data available

Solubility in Water: None

Vapor Pressure: Not applicable

Specific Gravity: 1.21

Section 10 – Stability and Reactivity

Chemical Stability:	Stable
Conditions to Avoid (if unstable):	Exposure to temperatures in excess of 130°F.
Incompatibility (Materials to Avoid):	None known.
Hazardous Decomposition Products:	In the event of partial combustion, fumes, smoke, carbon compounds and other decomposition products may be released.
Hazardous Polymerization:	Will not occur.

Section 11 – Toxicological Properties

Acute Oral Toxicity (LD50, RAT):	No data available
Acute Dermal Toxicity (LD50, RABBIT):	No data available
Acute Inhalation Toxicity (LC50, RAT):	No data available

Section 12 – Ecological Information

No data available

Section 13 – Disposal Considerations

Waste Disposal: If this product becomes a waste, it is considered non-hazardous waste. Dispose of in accordance with local, state and federal environmental and waste regulations.

Section 14 – Transport Information

DOT Non-Bulk Shipping Name:	UN#:
DOT Bulk Shipping Name:	Packing Group:
Technical Shipping Name:	IMO Shipping Data:
DOT Hazard Class:	ICAO/IATA Shipping Data:

Section 15 – Regulatory Information

US FEDERAL REGULATIONS:

Toxic Substances Control Act (TSCA): All components are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory. If this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under RCRA 40CFR261.

OSHA (29CFR1910.1200) Hazard Class(es): Irritant. Sensitizer.

EPA Sara Title III Section 312 (40CFR370) Hazard Classes: None.

EPA Sara Title III Section 313 (40CFR372): Toxic chemicals above “de minimus” level: None

STATE REGULATIONS:

California Proposition 65 Substances: (components known to the State of California to cause cancer an/or reproductive toxicity and subject to warning and discharge requirements under the “Safe Drinking Water and Toxic Enforcement Act of 1986”). This product contains a listed substance which the state of California has found to cause cancer, or other reproductive harm, in a form which would require a warning under the statute.

INTERNATIONAL REGULATIONS

Canada: WHMIS Hazard Classification:

WHMIS Risk Phrases:

WHMIS Symbols:

Section 16 – Other Information

This information relates to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

Revision Date:	12/01/00	Revised By:	Richard Haase
Replaces Revision Dated:	All	Title:	Chief Engineer