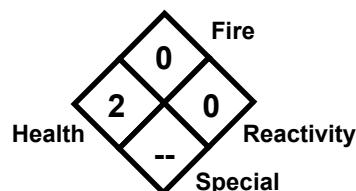


MATERIAL SAFETY DATA SHEET



Issue Date: 1/05

Supersedes: 1/04

NFPA 704 DESIGNATION HAZARD RATING
 4 = Extreme 3 = High 2 = Moderate
 1 = Slight 0 = Insignificant

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identity:	Corabase™		
Product Use:	Coraflex™ Base Coat and Ceramic Tile adhesive		
Manufactured By:	Sealoflex® Inc. 2520 Oscar Johnson Drive Charleston, SC 29405 PHONE: 843 554-6466 FAX: 843 554-6458	Chemtrec 800-424-9300	

2. COMPOSITION & INFORMATION ON INGREDIENTS

Component	% weight	CAS #	SARA Title III Section 313	RCRA	CARCINOGENICITY (As per 29CFR 1910.1200)	State Right-To-Know		
						PA	NJ	MA
Silica Sand	50.0 – 70.0	1808-60-7	Not Listed	No	No	Yes	Yes	Yes
Portland Cement	20.0 – 40.0	65997-15-1	Not Listed	No	No	No	No	No
Vinyl Polymer	2.0 – 10.0	Proprietary	Not Listed	No	No	No	No	No
Additives	<1.0	Proprietary	Not Listed	No	No	No	No	No

All components are listed in the TSCA inventory.

3. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Gray Powder	Bulk Density	No Data
Odor	Mild	Vapor Pressure	Not Applicable
Odor Threshold	Not Applicable	Vapor Density	Not Applicable
Molecular Formula	No Data	Evaporation Rate (n-Butyl Acetate=1)	Not Applicable
Molecular Weight	No Data	VOC content	< 1%
Boiling Point	Not Applicable	% Volatiles	< 1%
Freezing Point	Not Applicable	Solubility in Water	Dispersible
Specific Gravity	1.26	Viscosity (cps)	Not Applicable
Density (lbs/gal)	10.5	pH	Not Applicable

4. STABILITY & REACTIVITY

GENERAL:	Product is stable under normal conditions.
CONDITIONS TO AVOID:	Must be kept dry.
INCOMPATIBLE MATERIAL:	Mineral acids, strong oxidizing and reducing agents.
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	May form oxides of carbon and silicon tetrafluoride

5. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS: Inhalation hazard. Contains respirable crystalline silica, a suspected human carcinogen.

EYE CONTACT: Eye contact with wet or dry product may cause burning and possible corneal edema. Crystalline silica (quartz) may cause abrasion of the cornea.

SKIN CONTACT: Direct contact with wet product may cause extensive burns resulting in permanent skin damage.

INGESTION: Ingestion of dry or unhardened product causes burns to the gastrointestinal tract.

INHALATION: Inhalation of crystalline silica (quartz) can cause silicosis, fibrosis of the lungs and increase the risk of tuberculosis. Silicosis may be progressive and lead to disability and death. Crystalline silica inhaled from occupational sources in sufficient concentrations is classified as a carcinogen. Exposure to airborne Corabase dust may cause upper respiratory tract irritation.

6. FIRST AID MEASURES

EYE CONTACT: Gently lift and hold eyelids apart and flush eyes immediately and continuously with large amounts of water. If symptoms persist or there is any visual difficulty, seek medical attention.

SKIN CONTACT: Immediately flush skin with plenty of clean running water while removing contaminated clothing. Continue for at least 15 minutes. If symptoms persist, seek medical attention.

INHALATION: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet and seek medical attention. There is no specific treatment because the health effects associated with silica are chronic. If gross inhalation of the product occurs, remove the person to fresh air, perform artificial respiration as needed, and obtain medical attention as needed.

INGESTION: DO NOT induce vomiting. Administer 4 to 8 ounces of water or milk. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

7. FIRE FIGHTING MEASURES

GENERAL: Product is not flammable.

FLASHPOINT AND METHOD:	Not Applicable	
FLAMMABLE LIMITS:	Lower: Not Applicable	Upper: Not Applicable
AUTOIGNITION TEMPERATURE:	Not Applicable	
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon and nitrogen, various hydrocarbons.	
EXTINGUISHING MEDIA:	Water, Foam, CO ₂ , dry chemical	

FIRE FIGHTING INSTRUCTIONS: Avoid exposing skin to wet Corabase Onepack. Do not release runoff materials to sewers or waterways. This Product reacts with water and cures within hours and may clog sewers and waterways.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None reported.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:	ACGIH TLV-TWA	OSHA PEL
Silica Sand:	0.1 mg of respirable dust/m ³	4.3mg of respirable dust/m ³
Portland Cement:	10mg/m ³	50 mppcf (Millions of Particles Per Cubic Foot)

VENTILATION: Use local exhaust as required to maintain exposures below the occupational exposure limits

RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY: If the workplace exposure limit(s) is exceeded, a NIOSH/MSHA approved respirator is advised.

EYES: Safety glassed with side shields, tight fitting goggles.

SKIN: Wear impervious gloves and clothing.

OTHER: Provide sufficient mechanical general and/or local exhaust ventilation to maintain exposure below guidelines.

9. HANDLING AND STORAGE

STORAGE TEMPERATURE: **Normal temperatures do not affect this product.**

STORAGE: **Keep container tightly closed and dry.**

HANDLING: **Open in well ventilated areas. Prevent skin and eye contact. Dispose of according to local regulations. Do not breathe dust created during the handling of this product. Silica may be present without a visible cloud. Use good housekeeping procedures to prevent accumulation in the workplace. Be aware of the potential health risks associated with the use of this product and the appropriate personal protective equipment and engineering controls to limit exposure.**

10. ACCIDENTAL RELEASE MEASURES

SPIILLS: **Wear personal protective equipment described in Section 8. Prevent skin and eye contact. Do not breathe dust created during cleanup this product. Collect material using methods, such as a HEPA vacuum, that do not produce dust. Do not allow material to enter sewers or waterways. This Product reacts with water, cures within hours, and may clog sewers and waterways. Place collected material in an appropriate covered container and dispose of according to federal, state, and local regulations.**

11. DISPOSAL CONSIDERATIONS

RCRA 40 CFR 261 CLASSIFICATION: **Not Classified**

U.S. EPA WASTE NUMBER/DESCRIPTION: **None**

DISPOPSAL METHOD: **Can be disposed of as common waste in accordance with local regulations.**

CONTAINER DISPOSAL: **Empty container retains potentially hazardous residue. Observe all hazard precautions.**

12. TRANSPORTATION INFORMATION

DOT INFORMATION – 49 CFR 172.101

DESCRIPTION: **Not Applicable**

CONTAINER MODE: **Fifty-pound paper bags.**

NOS COMPONENT: **Not Applicable**

RQ (REPORTABLE QUANTITY) – 49 CFR 172.101: **Not Applicable**

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