

MATERIAL SAFETY DATA SHEET**Section 1- Chemical Product/ Company Information**

PRODUCT NAME: EPOXY FLOORING COMPOUND
PRODUCT CODE: Sealbond EFC-100 (100% SOLIDS)
PRODUCT USE/CLASS: For Industrial use only

Section 2 – Composition / Information On Ingredients

CAS NO.	CHEMICAL NAME
EINECS No. 25068-38-6	BISPHENOL-A(EPICLORHYDIN)
13463-67-7	TITANIUM DIOXIDE
171263-25-5	GLYCIDYL ETHER

Section 3- Hazards Identification

Emergency Overview: Warning! May cause allergic skin reactions. May cause irritation. Skin and eye irritation.

Effects of Overexposure – Eye Contact: May cause eye irritation.

Effects of Overexposure – Skin Contact: May cause allergic skin reaction. May cause skin irritation.

Effects of Overexposure- Inhalation: Harmful if inhaled, may affect the brain or nervous system, causing dizziness, headache, or nausea. May cause nose and throat irritation.

Effects of Overexposure- Ingestion: May be harmful if swallowed.

Medical Conditions Prone to Aggravation by Exposure: If sensitized to amines , epoxies, or other chemicals do not use. See a physician if a medical condition exists.

Section 4 – First Aid Measures

First Aid – Eye Contact : If material gets into eyes, flush with water immediately for 15 minutes. Consult a physician.

First Aid – Skin Contact : In case of contact, wash skin immediately with soap and water.

First Aid – Inhalation : If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

First Aid – Ingestion : If swallowed do not induce vomiting. Seek immediate medical attention.

Section 5- Fire Fighting Measures

EXTINGUISHING MEDIA

Use water fog, "Alcohol" foam, dry chemical or Co₂. Do not use a direct stream of water. Product will float. Water or foam may cause frothing which can be violent if sprayed into containers of hot burning product. Material will not burn unless preheated. Do not enter confined fire space without full banker gear (helmet with face shield, bunkers coats, gloves and rubber boots), including a positive pressure niosh approved self-contained breathing apparatus. Cool fire exposed containers with water.

Section 6- Accidental Release Measures

Steps To Be Taken In Material Is Released Or Spilled: Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Evacuate the area of unprotected personnel. Wear appropriate personal protective clothing and equipment. Follow exposure controls/personal protection guidelines in Section 8. Contain and soak up residual with an absorbent (clay or sand). Take up absorbant regulations. Refer to Section 15 for SARA Title III and CERCLA information.

Section 7 - Handling and Storage

HANDLING: Do not get in eyes, on skin, or on clothing. Keep container tightly closed when not in use. Wear personal protection equipment. Do not breathe vapors. Wash thoroughly after handling. If pouring or transferring materials, ground all containers and tools. Do not weld, heat, cut, or drill on full empty containers. Use only in accordance with Carboline application instructions, container label and Product Data Sheet. Avoid breathing vapors or spray mist.

STORAGE: Keep away from heat, sparks, open flames and oxidizing agents. Keep containers closed. Store in a cool, dry place with adequate ventilation.

Section 8 – Exposure Controls / Personal Protection

Engineering Controls: Use explosion-proof ventilation when required to keep below health exposure guidelines and Lower Explosion Limit (LEL).

Respiratory Protection: Use only with ventilate to keep levels below exposure guidelines listed in Section 2. User should test and monitor levels to ensure all personnel are below guidelines. If not sure, or not able to monitor, use MSHA/NIOSH approved supplied air respirator. Follow all current OSHA requirements for respirator use. For silica containing coatings in a liquid state, and/or if no exposure limits are established in Section 2 above, supplied are respirators are generally not required.

Skin Protection: Recommended impervious gloves and clothing to avoid skin contact. If material penetrates to skin, change gloves and clothing. The use of protective creams may be beneficial to certain individuals.

Eye Protection: Recommended and safety glasses with shield or chemical goggles to avoid eye contact.

Other protective equipment: Eye wash and safety showers should be readily available.

Hygienic Practices: Wash with soap and water before eating, drinking, applying cosmetics, or using toilet facilities. Use of a hand cleaner is recommended. Launder contaminated clothing before reuse. Leather shoes can absorb and allow hazardous materials to pass through. Check shoes carefully after soaking before reuse.

Section 9- Physical And Chemical Properties

Boiling Range :	149 F (65 C)- 401 F (205 C)	Vapor Density:	Heavier than Air
Odor:	Epoxy	Odor Threshold:	N/D
Appearance:	Viscous Liquid	Evaporation Rate:	Slower Than Ether
Solubility in H2O:	N/D	Specific Gravity:	1.7
Freeze Point:	N/D	PH:	N/D
Vapor Pressure:	N/D		
Vapor Pressure:	N/D		
Physical State:	Liquid		
VOC :	77.1g/L		

Section 10 – Stability And Reactivity

Incompatibility: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, nitrogen oxides, and unidentified organic compounds. Consider all smoke and fumes from burning material as very hazardous. Welding, cutting or abrasive grinding can create smoke and fumes. Do not breathe any fumes or smoke from these operations.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

Section 11 – Toxicological Information

Chemical Name	CAS NUMBER	LD50	LC50
EPOXY RESIN	25068-38-6	11.4G/KG RAT,ORAL	>20ML/KG SKIN, SENSITIZER
GLYCIDYL ETHER	171263-25-5	ORAL 5G/KG	NOT AVAILABLE

Section 12 – Ecological Information

Ecological Information: No data

Section 13 – Disposal Information

Disposal Information: Dispose of in accordance with State, Local, and Federal Environmental regulations. Responsibility for proper waste disposal is with the owner of the waste.

Section 14- Transportation Information

DOT Proper Shipping Name:	Not regulated	Packing Group:	N/A
DOT Technical Name:	N/A	Hazard Subclass:	N/A
DOT Hazard Class:	None	Resp. Guide Page:	N/A
DOT UN/NA Number:	N/A		
Additional Notes:	None		

Section 15 – Regulatory Information

No other known information

Section 16- Other Information

Flammability: 0 **Reactivity:** 0 **Personal Protection:** Required