

CARBONBOND CRACK REPAIR E60222 SAFETY INFORMATION

COMPANY IDENTIFICATION

Intech Anchoring Systems
8250 Bunkum Rd, Caseyville, IL 62232
800-223-7015

Emergency Telephone INFOTRAC: 800-535-5053

IDENTIFICATION

Product Identifier:

Product Name: E60222 Epoxy Surface Sealer.

Other Means of Identification:

Product Code: 602.

Synonyms: 602 Part A.

HAZARDS IDENTIFICATION

GHS CLASSIFICATION OF SUBSTANCE OR MIXTURE:

Skin irritation: Category 2, H315.

Skin Sensitization: Category 1, H317.

Eye irritation: Category 2, H319.

GHS LABEL ELEMENTS:

HAZARD SYMBOLS:

SIGNAL WORD: Warning.

See Exposure Controls/Personal Protection Section for personal protective recommendations.

HAZARD STATEMENTS:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

PRECAUTIONARY STATEMENTS:

RESPONSE:

P261 Avoid breathing mist/vapors/spray.

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves, clothing, and eye/face protection.

P302 + P352 If on skin: Wash with plenty of soap and water.

RESPONSE: P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing.



P333+P313
P337+P313
P362+P364
P391

If skin irritation or rash occurs: Get medical attention.
If eye irritation persists: Get medical attention.
Take off contaminated clothing and wash it before reuse.
Collect spillage.

STORAGE:

Not applicable.

DISPOSAL:

P501 Dispose of contents and containers in accordance with local, regional and international regulations. Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)-Annex III.

HMIS RATING

CHEMICAL NAME	
Health	2
Flammability	1
Physical Hazard	0
Personal Protection	X

See Exposure Controls/Personal Protection Section for personal protective equipment recommendations.

Potential Health Effects:

Eye contact: Mild or moderate irritation, possible minor temporary cornea injury.

Skin contact: May cause skin irritation on prolonged or repeated exposure.

Skin absorption: Not considered toxic.

Inhalation: May cause nasal irritation, central nervous system depression or lung injury.

Chronic effects of over exposure: None.

OSHA GHS Classification: This product is classified as hazardous as defined within the GHS OSH Hazard Communication Standard 29CFR1910 1200.

COMPOSITION / INFORMATION ON INGREDIENTS

Substances N/A

Mixtures		Concentration		
Bisphenol A Epoxy Resin	25058-99-8	N/E	N/E	>50
Calcium Carbonate	1317-65-3	N/E	N/E	>50
Silica, amorphous, fumed, crystalline free	112945-52-5	N/E	N/E	2

GHS/CLP:

Skin Irrit. 2 - H315; Skin Sens. 1 - H317; Eye Irrit. 2 - H319
*ALL INGREDIENTS ARE REGISTERED ON TSCA.



*Unless otherwise noted, all PEL and TLV Values are reported as 8 hour time weighted averages (TWA).

FIRST AID MEASURES

Description of First Aid Measures

General advice:	consult a physician; show this SDS to doctor in attendance.
In the event of skin contact:	Drench the affected area immediately with plenty of water: Remove contaminated clothing. Wash thoroughly with soap and water for at least 15 minutes. Seek medical attention if irritation, rash or other adverse effects occur.
In the event of eye contact:	Bath the eye with running water for at least 15 minutes, lifting the upper and lower eye lids. Get medical attention if symptoms persist. In the event of exposure by inhalation: Move person to fresh air. Get medical attention if symptoms develop.

Most important symptoms and effects both acute and delayed skin irritation, allergic reactions. Indication of immediate medical attention and special treatment needed. No specific antidote; treat symptomatically. Eye wash stations and emergency showers should be available.

FIRE FIGHTING MEASURES

Recommended Extinguishing Media:	Foam, carbon dioxide, dry chemicals or fog. Use water spray to cool fire exposed containers. Do not use direct water stream which may spread fire.
Special Fire Fighting Procedures:	Firefighters should wear protective goggles and self contained breathing apparatus to avoid inhalation of smoke or vapors. Remove all ignition sources.
Unusual Fire or Explosion Hazards:	Exposure to decomposition products may be harmful to health; combustion products may include but are not limited to: carbon monoxide, carbon dioxide, phenolics, aldehydes; smoke may contain particles of the original material as well. Prevent fire-fighting waters from entering sewer or waterways.
Advice for fire fighters:	Use protective fire fighting clothing and positive pressure selfcontained breathing apparatus to protect against potential harmful and/or irritating fumes. Do not use high volume water jet as this may spread the area of the fire. additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material; Have an eye wash station available.
Skin and Body Protection:	Avoid skin contact by wearing chemically resistant gloves and long sleeved shirt. An apron may be appropriate if splashing can occur.



ACCIDENTAL RELEASE MEASURES

Special Protection:

Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in See Exposure Controls/ Personal Protection Section of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred.

Steps to be taken in case of material is released or spilled:

Ventilate the area. Absorb spill with suitable absorbent material and place into a closed container. Prevent material from entering waterways. Wear protective equipment during cleanup. Use eye and skin protection.

HANDLING AND STORAGE

Handling:

Harmful or irritation material. Avoid contact and avoid breathing the material. Use only in a well ventilated area.

Storage:

Store in a cool, dry place.

EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory Protection:

If vapor or mist is generated and the occupational exposure limit is exceeded, use appropriate NIOSH/MSHA approved self-contained breathing equipment or a full face respirator. Respirators should be selected by and used following requirements found in OSHA's respirator standards (29 CFR 1910134). Not required for properly ventilation area.

Ventilation:

Local exhaust and general ventilation is recommended.

Hand Protection:

Nitrile Rubbers gloves.

Eye Protection:

Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material; Have an eye wash station available.

Skin and Body Protection:

Avoid skin contact by wearing chemically resistant gloves and long sleeved shirt. An apron may be appropriate if splashing can occur.



PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Gel.
Color:	White.
Odor:	Aromatic Odor.
Weight by gallon:	12 lbs.
Solids (% by weight)	100.
V.O.C.	0 g/L.
Boiling range:	280 F.
Melting point:	N/A.
Density:	1.16.
Percent volatile:	0 by Weight.
Vapor density (air=1):	Heavier than air.
Vapor pressure (mm Hg):	N/A.
Evaporation rate:	N/A.
Water miscibility:	Limited.

STABILITY AND REACTIVITY

Stability:	Stable.
Incompatibility:	Strong Oxidizers, acids, bases and epoxy hardeners under controlled conditions.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Carbon Monoxide, Carbon Dioxide, smoke. Others Unknown.
Conditions to avoid:	Heat and warm storage.

TOXICOLOGICAL INFORMATION

Chemical Name:	LD50/LC50.
Epoxy Resin:	Not established.

ECOLOGICAL INFORMATION

Overview:	No ecological information available.
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DISPOSAL CONSIDERATIONS

To the best of our knowledge, this product does not meet the definition of hazardous waste under U.S. EPA Hazardous Waste Regulations 40 CFR 261. Disposal via incineration at an approved facility is recommended. Consult state, local or provincial authorities for more restrictive requirements.

TRANSPORT INFORMATION

Consult Bill of Lading for transportation information

DOT:	Not Regulated.
IATA:	Not Regulated.



REGULATORY INFORMATION

OSHA Hazard Communication Standard (29 CFR 1910.1200) Hazard Class(es): N/A.

SARA Hazard Classification: SARA Title III Regulations (40 CFR 370): Acute.

SARA Section 313 Listed Ingredients: This material does not contain any substance which is subject to the reporting requirements of 40 CFR 372.

DOT Proper Shipping Name: n/a.

UN Number: n/a.

OTHER INFORMATION

Disclaimer:

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release, and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state, or provincial, and local laws.



IDENTIFICATION

Product Identifier:
Product Name: E60222 Epoxy Surface Sealer.

Other Means of Identification:
Product Code: 602.
Synonyms: 602 Part B.

HAZARDS IDENTIFICATION

Classification of the substance or mixture
Classification according to the Regulation (EC) No. 1272/2008
Classification according to the Regulation Directive 199/45/EC: [Xn] Harmful, [C] Corrosive, [N] Dangerous to the Environment
Information Concerning particular hazards for human and environment:
Product Description: This product is grey heavy paste with a sweet amine odor.
Health Hazards: May cause skin sensitization.
Flamability Hazards: This product is flammable above it's flashpoint of 380F (195 C)
Reactivity Hazards: None known.
Environmental Hazards: The environmental effects of this product have not been investigated; however it is not expected to cause significant adverse effects.
Emergency Considerations: Emergency responders must wear proper personal protective equipment (and have appropriate fire suppression equipment) suitable for the situation to which they are responding.
Classification system: This classification is according to the latest editions of the EU-lists, and extended by company and literature data.

Label elements
Labeling according to Regulation (EC) no. 1272/2008:
Hazard Pictograms:



Signal Word: WARNING

GHS Class: Eye irritant, Category 2.
Irritant, Category 2.
Hazard Statements: H315 - Causes skin irritation.
H320 - Causes eye irritation.

Precautionary Statements:

P264:	Wash hands thoroughly after handling.
P270:	Do not eat, drink or smoke when using this product.
P280:	Wear protective clothing, gloves, eye and face protection.
P301+P330+P314 - If Swallowed:	Rinse mouth and get medical attention if you feel unwell.
H302+352 : If on Skin:	Wash with plenty of soap and water.
P305+P351+P338 - If in eyes:	Rinse cautiously with water for several minutes and remove contacts I present and easy to do. Continue rinsing.
H313:	May be harmful in contact with skin.
H317:	May cause an allergic skin reaction.

Response Statements

P337+P313If eye irritation persists:	Get medical advice/attention.
P370+P378-In case of fire:	Use appropriate mediafor extinction
P302+P353: IF ON SKIN:	Wash with plenty of soap and waterfor extinction
P391:	Collect spillage
P403+P235:	Store in well ventilated place. Keep cool.
P501:	Dispose of content and/or container in accordance with local, regional,national, and/or international regulations.

Hazard Description

This HMIS-ratings (0-4)

CHEMICAL NAME	
Health	1
Flammability	1
Physical Hazard	0
Personal Protection	X

Other Hazards

None Known

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200). Unlisted ingredients are not “hazardous” per the OSHA standard.

HAZARDS IDENTIFICATIONS

Chemical Name	CAS#	OSHA PEL*	ACGIH TLV*	WT%
Polymer Mercaptan	T/S	N/E	N/E	>50
Calcium Carbonate	1317-65-3	N/E	N/E	<50
Silica, amorphous, fumed, crystalline free	112945-52-5	N/E	N/E	2



FIRST AID MEASURES

Eyes:	Flush with plenty of water and get medical attention. Keep eye lids apart. Wash within 1 minute of contact for maximum results.
Skin:	Promptly wipe clean with paper or cloths and wash with soap and water. Remove contaminated clothing before reuse. Attention should be paid to hair, nose and eyes.
Inhalation:	In case of exposure to high concentration of vapor or mist, remove person to fresh air.
Ingestion:	If large amounts are swallowed, induce vomiting. Seek medical attention. May cause burns to mouth and throat.
Primary routes of entry:	Inhalation, Ingestion, skin and eye contact.
Carcinogenity:	This product does not contain 0.1% or more of any substance which is listed as a carcinogen by NTP, IARC or OSHA.

FIRE FIGHTING MEASURES

Flash Point: >250 C	
Test Method: Pensky-Marten Closed Cup (PMCC)	
Lower Flammability Limit: N/A	
Upper Flammable Limit: N/A	
Recommended Extinguishing Media:	Water, Foam, Carbon Dioxide, Dry Chemicals or Fog.
Special Fire Fighting Procedures:	Firefighters should wear protective goggles and self contained breathing apparatus to avoid inhalation of smoke or vapors. Remove all ignition sources.
Unusual Fire or Explosion Hazards (conditions to avoid):	May produce hazardous fumes or hazardous decomposition products, such as carbon dioxide, carbon monoxide, hydrogen sulfide, oxides of sulfur and nitrogen.



ACCIDENTAL RELEASE MEASURES

Special Protection: Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in See Exposure Controls/ Personal Protection Section of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred.

Steps to be taken in case of material is released or spilled: Ventilate the area. Absorb spill with suitable absorbent material and place into a closed container. Prevent material from entering waterways. Wear protective equipment during cleanup. Use eye and skin protection.

Transport Emergency Phone Number: (INFOTRAC) 1-800-535-5053

HANDLING AND STORAGE

Handling: Harmful or irritation material. Avoid contact and avoid breathing the material. Use only in a well ventilated area.

Storage: Store in a cool, dry place.

Hygienic Practices: Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory Protection: If vapor or mist is generated and the occupational exposure limit is exceeded, use appropriate NIOSH/MSHA approved self-contained breathing equipment or a full face respirator. Respirators should be selected by and used following requirements found in OSHA's respirator standards (29 CFR 1910.134). Not required for properly ventilation area.

Ventilation: Local exhaust and general ventilation is recommended.

Hand Protection: Nitrile Rubbers gloves.

Eye Protection: Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material; Have an eye wash station available.

Skin and Body Protection: Avoid skin contact by wearing chemically resistant gloves and long sleeved shirt. An apron may be appropriate if splashing can occur.



PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Gel.
Color:	Black.
Odor:	Sulfur like.
Weight by gallon:	11.5 lbs.
Solids (% by weight)	100.
V.O.C.	0 g/L.
Boiling range:	Not determined.
Melting point:	Not determined.
Density:	1.3.
Percent volatile:	Not determined.
Vapor density (air=1):	Not Volatile.
Vapor pressure (mm Hg):	Not determined.
Water miscibility:	Negligible solubility in water.

STABILITY AND REACTIVITY

Stability:	Stable.
Incompatibility:	Strong oxidizers, epoxy resin, and amine mixtures especially when hot.
Hazardous polymerization:	Not reported.
Hazardous decomposition products:	Oxides of Carbon and Phenolics under burning conditions.
Conditions to avoid:	Heat, flames, incompatible materials and freezing temperatures below 32 F.

TOXICOLOGICAL INFORMATION

Chemical Name:	LD50/LC50.
Polymer Mercaptan:	Not established.

ECOLOGICAL INFORMATION

Overview: No ecological information available.

DISPOSAL CONSIDERATIONS

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TRANSPORT INFORMATION

Consult Bill of Lading for transportation information.

DOT:	Not Regulated as hazardous material for transportation.
IATA Shipping Name:	Aviation Regulated Liquid, N.O.S. (Mercaptan-terminated polymer).
IATA UN Number:	UN 3334.
IATA Hazard Class:	9.
IATA Packing Group:	III.
IMDG Shipping Name:	Not Regulated as hazardous material for transportation.



REGULATORY INFORMATION

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