

DELTA POLYMERS, INC.

Safety Data Sheet CAPASTIC - PART A

SECTION 1: Identification

1.1 Product identifier

Product name	CAPASTIC - PART A
Product number	CAPASTIC - PART A
Brand	DELTA POLYMERS, INC.
Substance name	EPOXYRESIN

1.3 Recommended use of the chemical and restrictions on use

BASE EPOXY RESIN GEL FOR METAL ADHESIVE, REPAIR AND SMOOTHING COMPOUND

1.4 Supplier's details

Name	DELTA POLYMERS, Inc.
Address	130 South 2nd Street Bay Shore, NY 11706 USA
Telephone	6312546240
Fax	6315952537

1.5 Emergency phone number(s)

CHEMTREC 1-800-424-9300

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

- Sensitization, skin (chapter 3.4), Cat. 1
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Eye damage/irritation (chapter 3.3), Cat. 2A

2.2 GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash ... thoroughly after handling.

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P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P321	Specific treatment (see ... on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container to ...

2.3 Other hazards which do not result in classification

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Substance name	EPOXYRESIN
Other names / synonyms	EPOXY RESIN

Hazardous components

1. EPOXYRESIN, reaction product: BISPHENOL-A(EPICHLOROHYDRIN), average molecule wei

Concentration	20 - 50 % (Weight)
Other names / synonyms	epoxy resin (number average molecular weight ≤ 700); EPOXYRESIN, reaction product: BISPHENOL-A(EPICHLOROHYDRIN), average molecule wei; Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane; reaction product: bisphenol-A-(epichlorhydrin)
EC no.	500-033-5
CAS no.	25068-38-6
Index no.	603-074-00-8

- Eye damage/irritation (chapter 3.3), Cat. 2
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Sensitization, skin (chapter 3.4), Cat. 1
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 2

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H411	Toxic to aquatic life with long lasting effects

2. Calcium carbonate (Natural)

Concentration	1 - 5 % (Weight)
Other names / synonyms	Agricultural limestone; Calcium carbonate (Natural); limestone; Marble chips; Natural calcium carbonate
CAS no.	1317-65-3

3. Silica, crystalline (airborne particles of respirable size)

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Concentration	20 - 50 % (Weight)
Other names / synonyms	Quartz; Quartz (SiO ₂); Sand; Silica, crystalline (airborne particles of respirable size); Silicon (IV) oxide
CAS no.	14808-60-7

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	ROUTES OF ENTRY: EYE CONTACT / INGESTION / SKIN CONTACT CARCINOGENICITY: DOES NOT CONTAIN CHEMICALS CONSIDERED TO BE CARCINOGENIC BY NTP, IARC OR OSHA. TARGET ORGANS: EYES / SKIN HEALTH HAZARDS: MAY CAUSE MODERATE SKIN INJURY OR AN ALLERGIC SKIN REACTION WITH CERTAIN INDIVIDUALS.
If inhaled	VAPORS ARE UNLIKELY DUE TO ITS PHYSICAL PROPERTIES, EXCEPT WHEN HEATED TO HIGH TEMPERATURES WHICH CAN GENERATE VAPORS THAT COULD CAUSE HEADACHES, NAUSEA OR RESPIRATORY IRRITATION IF INHALED. REMOVE PERSON TO FRESH AIR. IF BREATHING HAS STOPPED, QUALIFIED PERSONNEL SHOULD ADMINISTER RESPIRATION. SEEK MEDICAL ATTENTION.
In case of skin contact	REPEATED EXPOSURE MAY CAUSE SKIN IRRITATION AND, IN SOME CASES, AN ALLERGIC SKIN REACTION IS POSSIBLE. REMOVE CONTAMINATED CLOTHING AND WASH CONTACT AREA WITH SOAP AND WATER FOR AT LEAST 15 MINUTES.
In case of eye contact	MAY CAUSE EYE INJURY WHICH MAY PERSIST FOR SEVERAL DAYS. CORNEAL INJURY IS UNLIKELY. FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND SEEK MEDICAL ATTENTION.
If swallowed	ORAL TOXICITY IS LOW. THE ORAL LD50 FOR RATS IS GREATER THAN 5,000 mg/kg. IF LARGE QUANTITIES SWALLOWED, SEEK MEDICAL ATTENTION.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

WATER FOG, FOAM., CO₂, DRY CHEMICAL

5.2 Specific hazards arising from the chemical

USE SELF CONTAINED BREATHING APPARATUS AND PROPER PROTECTING GEAR WHEN ENTERING CONFINED AREAS WHERE THE POTENTIAL OF EXPOSURE TO VAPORS OR PRODUCTS OF COMBUSTION EXIST.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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RESPIRATORY: USE A NIOSH/MSHA APPROVED RESPIRATOR WHENEVER EXPOSURE TO VAPOR/MIST IS LIKELY.

EYE: USE CHEMICAL SAFETY GOGGLES OR FACE SHIELD.

SKIN: USE PROTECTIVE CLOTHING IMPERVIOUS TO THIS MATERIAL. SELECTION OF SPECIFIC ITEMS SUCH AS GLOVES, BOOTS, APRON OR FULL BODY SUIT, WILL DEPEND ON THE OPERATION.

IMPERVIOUS NEOPRENE GLOVES ARE RECOMMENDED.

VENTILATION: PROPER VENTILATION IS NECESSARY. USE LOCAL EXHAUST AND MECHANICAL SYSTEMS LEADING TO FRESH AIR.

OTHER: SAFETY SHOWER AND EYE WASH FACILITY ARE RECOMMENDED.

6.2 Environmental precautions

ANY DISPOSAL PRACTICE MUST BE IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. INCINERATION IS THE PREFERRED FORM OF DISPOSAL. DO NOT DUMP INTO SEWERS, ON THE GROUND OR IN ANY BODY OF WATER.

6.3 Methods and materials for containment and cleaning up

SOAK UP IN AN ABSORBENT MATERIAL, SUCH AS SAND, AND COLLECT IN SUITABLE CONTAINERS.

RESIDUAL RESIN MAY BE REMOVED USING STEAM/HOT SOAPY WATER. FOR LARGE SPILLS, EVACUATE AND CONTAIN SPILL WITH A DIKE.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

RESPIRATORY: USE A NIOSH/MSHA APPROVED RESPIRATOR WHENEVER EXPOSURE TO VAPOR/MIST IS LIKELY.

EYE: USE CHEMICAL SAFETY GOGGLES OR FACE SHIELD.

SKIN: USE PROTECTIVE CLOTHING IMPERVIOUS TO THIS MATERIAL. SELECTION OF SPECIFIC ITEMS SUCH AS GLOVES, BOOTS, APRON OR FULL BODY SUIT, WILL DEPEND ON THE OPERATION.

IMPERVIOUS NEOPRENE GLOVES ARE RECOMMENDED.

VENTILATION: PROPER VENTILATION IS NECESSARY. USE LOCAL EXHAUST AND MECHANICAL SYSTEMS LEADING TO FRESH AIR.

OTHER: SAFETY SHOWER AND EYE WASH FACILITY ARE RECOMMENDED.

7.2 Conditions for safe storage, including any incompatibilities

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. STORE IN A COOL, DRY PLACE.

KEEP CONTAINERS CLOSED UNTIL READY FOR USE. AVOID BREATHING FUMES; PROVIDE ADEQUATE VENTILATION.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Calcium Carbonate (CAS: 1317-65-3)

PEL (Inhalation): see PNOR (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

2. Silica, crystalline quartz, respirable dust (CAS: 14808-60-7)

PEL (Inhalation): See Annotated Z-3 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

8.3 Individual protection measures, such as personal protective equipment (PPE)

SECTION 9: Physical and chemical properties

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Information on basic physical and chemical properties

Appearance/form	DARK GRAY, PASTE CONSISTENCY
Odor	
Odor threshold	FAINT EPOXY ODOR,
pH	
Melting point/freezing point	
Initial boiling point and boiling range	N/A
Flash point	425°F
Evaporation rate	0.5 x n-BUTYLACETATE
Flammability (solid, gas)	NON-FLAMMABLE
Upper/lower flammability limits	N/A
Upper/lower explosive limits	N/A
Vapor pressure	
Vapor density	>1.0(ref. AIR) VOC: NONE
Relative density	>1.0 ref. WATER
Solubility(ies)	
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC. CLOSED CONTAINERS MAY RUPTURE WHEN EXPOSED TO HIGH HEAT.
Oxidizing properties	

SECTION 10: Stability and reactivity

10.1 Reactivity

NONE

10.2 Chemical stability

STABLE

10.3 Possibility of hazardous reactions

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

10.4 Conditions to avoid

EXCESSIVE HEAT FOR PROLONGED PERIODS OF TIME.

10.5 Incompatible materials

CONTAMINATION WITH STRONG ACIDS, BASES, AMINES AND MERCAPTANS CAN CAUSE POLYMERIZATION.

10.6 Hazardous decomposition products

CARBON DIOXIDE. CARBON MONOXIDE, PHENOLICS AND UNIDENTIFIED PARTIAL OXIDATION PRODUCTS.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

NA

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Skin corrosion/irritation

NA

Serious eye damage/irritation

NA

Respiratory or skin sensitization

NA

Germ cell mutagenicity

NA

Carcinogenicity

NA

Reproductive toxicity

NA

Summary of evaluation of the CMR properties

NA

STOT-single exposure

NA

STOT-repeated exposure

NA

Aspiration hazard

NA

SECTION 12: Ecological information

Toxicity

N/A

SECTION 13: Disposal considerations

Disposal of the product

ANY DISPOSAL PRACTICE MUST BE IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. INCINERATION IS THE PREFERRED FORM OF DISPOSAL. DO NOT DUMP INTO SEWERS, ON THE GROUND OR IN ANY BODY OF WATER.

Disposal of contaminated packaging

ANY DISPOSAL PRACTICE MUST BE IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. INCINERATION IS THE PREFERRED FORM OF DISPOSAL. DO NOT DUMP INTO SEWERS, ON THE GROUND OR IN ANY BODY OF WATER.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

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IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

IRRITANT

OSHA HAZARD COMMUNICATION STANDARD (291910.1200)

AN IMMEDIATE HEALTH HAZARD. A DELAYED HEALTH HAZARD.

EPA SARA TITLE III SECTION 312 (40CFR370)

HMIS Rating

Health	2
Flammability	2
Physical hazard	0
Personal protection	G

SECTION 16: Other information