

Section 1. Identification

Product Name: SplashBond Part A
Supplier: CSNRI | 621 Lockhaven Drive. Houston, TX 77073 | +1 281.590.8491
Emergency Phone Number: 800.424.9300 (CHEMTREC)
 +1 703.741.5970 (Outside the US)
Product Description: Epoxy resin
Product Use: Anti-Corrosive Coating Component

Section 2. Hazards Identification

Classification of the substance or mixture

Chronic aquatic hazard – Category 2
 Skin corrosion/irritation – Category 2
 Eye corrosion / irritation – Category 2
 Sensitization/skin – Category 1

Hazard pictograms:



Signal word: Warning

Hazard statements:

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.

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
 P280 Wear protective gloves.
 P264 Wash hands thoroughly after handling.
 P273 Avoid release to the environment.
 P302 + P352 IF ON SKIN: Wash with plenty of water.
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
 P501 Dispose of contents/container in accordance with local, regional, national and international regulations.
Other hazards: None known.

Section 3. Composition/Information on Ingredients

Mixture:

Component	CAS #	% by Weight
Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	50 – 90



p-tertbutylphenylglycidyl ether	3101-60-8	3 – 8
Poly(terephthaloylchloride p- phenylenediamine	26125-61-1	2 – 5

Section 4. First Aid Measures

First Aid Measures for Accidental:

Inhalation: Remove source of exposure or move to fresh air.

Skin contact: Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. If skin irritation or a rash occurs, get medical advice/attention.

Eye contact: Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice/attention.

Ingestion: Do not induce vomiting; immediately call for medical help.

First-aid comments: Some of the first-aid procedures recommended here require advanced first-aid training.

Most important symptoms and effects, both acute and delayed: None known.

Section 5. Fire-fighting Measures

Suitable extinguishing media: CO2, extinguishing powder or water spray. Fight larger fires with water spray. Use firefighting measures that suit the environment.

Unsuitable extinguishing media: None known.

Special protective equipment and precautions for firefighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA). A full-body encapsulating chemical protective suit with positive pressure SCBA may be necessary.

Specific hazards arising from the chemical: Heating increases the release of toxic vapor.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Use the Personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental precautions: If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

Methods and material for containment and cleaning up: Contain and soak up spill with absorbent that does not react with spilled product. Dike spilled product to prevent runoff.

Other information: Report spills to local health, safety and environmental authorities, as required.

Section 7. Handling and Storage

Precautions for Safe Handling: Only use where there is adequate ventilation. Wear personal protective equipment to avoid direct contact with this chemical. Keep containers tightly closed when not in use or empty.

Conditions for Safe Storage: Store in an area that is: well-ventilated. Empty containers may contain hazardous residue. Store separately. Keep closed. Follow all precautions given on this safety data sheet.

Section 8. Exposure Controls/Personal Protection

Exposure Limits: No exposure limit noted for the ingredients.

Appropriate Engineering Controls: Use a local exhaust ventilation and enclosure, if necessary, to control amount in the air.

Personal Protective Equipment:

Respiratory protection: Wear a NIOSH approved air-purifying respirator with an organic vapor cartridge if using in an unventilated area.

Eye protection: Wear chemical safety goggles.

Skin protection: Wear chemical protective clothing e.g. gloves, aprons, boots.

Section 9. Physical and Chemical Properties

Physical Appearance:	White paste
Odor:	Mild
pH:	Neutral
Flash Point:	>250°F Method: Pensky-Martins Closed cup
Melting Point Range:	No data available
Boiling point:	No data available
Evaporation rate (ether=1):	No data available
Flammability (solid, gas):	No data available
Specific Gravity:	No data available
Viscosity:	250 - 500 Poise Method: BS3900 Part A7
Water Solubility:	Immiscible in water
Solubility in other solvents:	No data available
Vapor Pressure:	No data available
Vapor density (Air=1)	No data available
Specific Gravity:	1.15 Kgs/ Ltr. Method: BS3900 Part A19
Relative Density:	No data available
Partition coefficient (n-octanol/water):	No data available
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Explosive Properties:	No information available
Oxidizing Properties:	No information available
VOC Content (%):	Essentially zero under normal conditions.
Flammability Limits in Air:	No data available

Section 10. Stability and Reactivity

Reactivity: Not reactive under normal conditions of use.

Chemical stability: Normally stable.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: None known

Incompatible materials: Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of an exothermic reaction.

Hazardous decomposition products: In a fire, hazardous decomposition products such as smoke, acrolein, carbon monoxide, carbon dioxide, and oxides of nitrogen may be produced.

Section 11. Toxicological Information

Likely routes of exposure: Skin absorption; eye contact.

Acute toxicity:

Component	LD50(dermal)	LD50 (oral)
Mixture	20,000 mg/Kg (rabbit)	5,000 mg/kg (rat)

Skin corrosion/irritation: Human experience and animal tests show mild irritation.

Serious eye damage/irritation: There is limited evidence of mild irritation.

STOT - single exposure:

Skin absorption: Symptoms may include redness, rash, swelling and itching.

Ingestion: Irritation of the mouth, throat and stomach.

Aspiration hazard: Symptoms may include coughing, choking, shortness of breath, difficult or rapid breathing, and wheezing.

Respiratory and/or sensitization: Based on the properties of the epoxy constituents and considering toxicological data on similar preparations, this preparation may be a skin sensitizer and an irritant. It contains low molecular weight epoxy constituents which are irritating to eyes, mucous membrane and skin. Repeated skin contact may lead to irritation and to sensitization, possibly with cross-sensitisation to other epoxies.

Carcinogenicity: Not known to cause cancer.

Reproductive toxicity:

Development of offspring: Not known to harm the unborn child.

Sexual function and fertility: Not known to cause effects on sexual function or fertility.

Effects on or via lactation: Not known to cause effects on or via lactation.

Germ cell mutagenicity: No information was located.

Interactive effects: No information was located.

Section 12. Ecological Information

Ecotoxicity Effects: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Not readily biodegradable.

Persistence and degradability: No ingredient of this product or its degradation products is known to be highly persistent.

Mobility in soil: No information was located.

Other adverse effects: There is no information available.

Section 13. Disposal Considerations

Waste treatment methods: Bury in a licensed landfill or burn in an approved incinerator according to federal, provincial/state, and local regulations.

Uncleaned packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of in accordance to all local, state, national and/or international legislation/regulations.

Section 14. Transport Information

US DOT: Not Regulated

IMO (Marine)**UN-Number:** UN3082**Proper Shipping Name:** Environmentally hazardous substance, liquid, n.o.s.(Bisphenol A Epichlorohydrin Liquid Epoxy Polymer)**Hazard Class:** 9**Packing Group:** III**IATA (Air)****UN-Number:** UN3082**Proper Shipping Name:** Environmentally hazardous substance, liquid, n.o.s.(Bisphenol A Epichlorohydrin Liquid Epoxy Polymer)**Hazard Class:** 9**Packing Group:** III**Environmental hazards:** Marine Pollutant (Bisphenol-A epoxy resin)**Special precautions for user:** Not applicable**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:** Not applicable**Section 15. Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture:****Canada:****Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL):** All ingredients are listed on the DSL or are not required to be listed.**USA:****Toxic Substances Control Act (TSCA) Section 8(b):** All ingredients are listed on the TSCA Inventory.**Section 16. Other Information****NFPA hazard ratings:****Health hazard: 2 Flammability: 1 Instability: 0**

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