


SAFETY DATA SHEET

Section 1. Identification		
Product identifier	EpoxyStarz Medium Viscosity – Part A	
Other means of identification	EpoxyStarz Medium Viscosity A	
Recommended use and restrictions on use	Floor coating	
Supplier informations	2271 Cornell Ave, Montgomery, IL 60538, United States info@specialtyproductsdevelopmentgroup.com	
Emergency telephone number/restriction on use	Canada – CANUTEC 24-hour number 613-996-6666	
Section 2. Hazard identification		
Classification of hazardous product (name of the category or subcategory of the hazard class)		
Skin irritation (Category 2) Sensitization – Skin (Category 1) Eye irritation (Category 2A) Hazardous to the aquatic environment – Acute & Chronic (Category 2)		
Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)		
 <p>Warning</p> <p>H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H401 Toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands/nails/face thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN, Wash with plenty of water for several minutes. P333 + P313 IF SKIN irritation or rash occurs: Get medical attention. P362+P364 Take off contaminated clothing and wash it before reuse. P305 + P351 + P338 IF IN EYES, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical attention. P273 Avoid release to the environment. P391 Collect spillage. P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.</p>		
Other hazards known	None	
Section 3. Composition/information on ingredients		
Chemical name (common name/synonyms)	CAS number or other	Concentration (%)
Reaction product: bisphenol-A-(epichlorhydrin) epoxy resin	25085-99-8	60-100
Alkyl glycidyl ether	68609-97-2	< 10
Benzyl alcohol	100-51-6	< 10
* Statement - This safety data sheet provides concentration range(s) instead of the actual concentration(s) by weight (except for gases/propellants by volume) considered trade secret(s).		

Section 4. First-aid measures	
Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.
Ingestion	IF SWALLOWED: Immediately call a doctor. DO NOT INDUCE VOMITING. NEVER give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. Rinse mouth thoroughly with water. Have victim drink two glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.
Skin contact	IF ON SKIN: wash with plenty of water (15-20 minutes). IF SKIN irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash it before reuse. Causes skin irritation
Eye contact	IF IN EYES, Rinse cautiously with water for several minutes (15-20). Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Indication of immediate medical attention/ special treatment	In all cases, call a doctor. Also consider the other instructions of present document section.
Section 5. Fire-fighting measures	
Specific hazards of the hazardous product (hazardous combustion products)	
Carbon oxides and other irritant/toxic gases and fumes.	
Suitable and unsuitable extinguishing media	
In case of fire: Use carbon dioxide, chemical powder agent and appropriate foam to extinguish surrounding products.	
Special protective equipment and precautions for fire-fighters	
During a fire, irritating/toxic smoke and fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece. Shield personnel to protect from venting, rupturing or bursting cans. Move containers from fire area if it can be done without risk. Water spray may be useful in cooling equipment and cans exposed to heat and flame.	
Section 6. Accidental release measures	
Personal precautions, protective equipment and emergency procedures	
Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8).	
Methods and materials for containment and cleaning up	
Ventilate area of release. Stop the leak if it can be done safely. Contain and absorb any spilled liquid concentrate with inert absorbent material, then place material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.	
Section 7. Handling and storage	
Precautions for safe handling	
Wear gloves/protective clothing/eye protection/face protection. Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid generating high concentrations of dusts, vapours or mists. Keep away from incompatible materials (Section 10). Keep containers closed when not in use. Empty containers are always dangerous. Refer also to Section 8.	
Conditions for safe storage, including any incompatibilities	
Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks.	

Section 8. Exposure controls/Personal protection			
Control parameters (biological limit values or exposure limit values and source of those values)			
Exposure limits: Dust – PEL-TWA 15 mg/m ³ (total dust) & 5 mg/m ³ (respirable fraction);			
Appropriate engineering controls			
Use under well-ventilated conditions. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.			
Individual protection measures/personal protective equipment			
Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirators if the exposure limits are unknown. Chemically protective gloves (impervious), and other protective clothing to prevent prolonged or repeated skin contact, must be worn during all handling operations. Wear protective chemical splash goggles to prevent mists from entering the eyes. Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use.			
Section 9. Physical and chemical properties			
Appearance, physical state/colour	Liquid	Vapour pressure	Not available
Odour	Characteristic	Vapour density	188 °C
Odour threshold	Not available	Relative density	1.12
pH	Not available	Solubility	Insoluble
Melting/freezing point	Not available	Partition coefficient - n-octanol/ water	Not available
Initial boiling point/range	Not available	Auto-ignition temperature	Not available
Flash point	> 93°C	Decomposition temperature	Heavier than air
Evaporation rate	Not available	Viscosity	Not available
Flammability (solids and gases)	Not available	VOC	Not available
Upper and lower flammability/ explosive limits	Not available	Other	None know
Section 10. Stability and reactivity			
Reactivity	Does not react under the recommended storage and handling conditions prescribed.		
Stability	Material is stable at standard temperature and pressure.		
Conditions to avoid	None know		
Hazardous reactions/polymerization	None know		
Incompatible materials	Oxidizing materials; etc.		
Hazardous decomposition products	None know		

Section 11. Toxicological information	
Skin corrosion/irritation	Repeated skin contact may cause a persistent irritation or dermatitis. May also aggravate an existing skin condition. Causes skin irritation
Eye damage/irritation	Causes serious eye irritation
Carcinogenicity	Not available
Respiratory/skin sensitization	Skin irritation, redness, stinging, pain; Eye irritation, redness, tearing;
Germ cell mutagenicity	Not available
Reproductive toxicity	Not available
Specific target organ toxicity (single exposure)	Not available
Specific target organ toxicity (repeated exposure)	Not available
Delayed and immediate effects (chronic effects from short-term and long-term exposure)	Skin Sensitization – Possible; Respiratory Sensitization – No data available; Germ Cell Mutagenicity – No data available; Carcinogenicity – No ingredient listed by IARC, ACGIH, NTP or OSHA; Reproductive Toxicity – No data available; Specific Target Organ Toxicity – Single Exposure – No data available; Specific Target Organ Toxicity – Repeated Exposure – No data available; Aspiration Hazard – No data available; Health Hazards Not Otherwise Classified – No data available.
Numerical measures of toxicity (ATE; LD50 & LC50)	CAS 100-51-6 LD50, Oral - Rat 1360 mg/kg; ATE not available in this document.
Section 12. Ecological information	
Ecotoxicity (aquatic and terrestrial information)	No data available. Toxic to aquatic life with long lasting effects
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No data available.
Section 13. Disposal considerations	
Information on safe handling for disposal/methods of disposal/contaminated packaging	Dispose of contents/container into safe container in accordance with local, regional or national regulations.
Section 14. Transport information	
UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations	Not regulated
UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)	UN3082; ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epichlorhydrin); Class 9; PG III;
UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)	UN3082; ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epichlorhydrin); Class 9; PG III;
Special precautions (transport/conveyance)	May also be shipped as a LIMITED QUANTITY in accordance with TDG.
Environmental hazards (IMDG or other)	MARINE POLLUTANT
Bulk transport (usually more than 450 L in capacity)	Possible

Section 15. Regulatory information	
Safety/health Canadian regulations specifics	Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).
Environmental Canadian regulations specifics	Refer to Section 3 for ingredient(s) of the DSL
Safety/health/environmental outside regulations specifics	United States OSHA information: This product is regulated according to OSHA (29 CFR). United States EPA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14. United States TCSA information: Refer to the ingredients listed in Section 3.
Section 16. Other information	
Date of the latest revision of the safety data sheet	November 28, 2023 version 001
Corrections	Complete review
References	Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS.
Other information	As per GHS, category 1 is the greatest level of hazard within each class.
Abbreviations	
ACGIH ATE CAS DSL IARC IATA IMDG LC LD NIOSH NTP OSHA PEL STEL TDG TLV TSCA TWA WHMIS	American Conference of Governmental Industrial Hygienists Acute toxicity estimate Chemical Abstract Service Domestic Substance List International Agency for Research on Cancer International Air Transport Association International Maritime Dangerous Goods Code Lethal concentration Lethal Dosage National Institute for Occupational Safety and Health National Toxicology Program (U.S.A.) Occupational Safety and Health Administration (U.S.A.) Permissible Exposure Limit Short-term Exposure Limit Transport of dangerous goods in Canada Threshold Limit Value Toxic Substances Control Act Time Weighted Average Workplace Hazardous Materials Information System
<p>To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.</p>	