

EpoPro[®] 956

LOW VISCOSITY LIQUID AMINE HARDENER

EpoPro[®] 956 is a formulated aliphatic polyamine adduct. It is a low viscosity liquid that is suitable for ambient and elevated temperature curing of epoxy resins. It is widely used as a curative for adhesives, tooling systems, and for electrical encapsulation and potting systems. It is also suitable for use a curative for high solids coating systems and composites. Cured epoxy systems typically exhibit low shrinkage, excellent electrical and mechanical properties, and good chemical resistance.

EpoPro[®] 956 is an excellent alternative to unmodified aliphatic amines like DETA, TETA, and TEPA. It typically provides a longer work-life than unmodified aliphatic amines, less exothermal heat generation, and a more user friendly mix ratio. It typically has lower risks of irritation and sensitization due to worker exposure than unmodified aliphatic amines and is not regulated as a hazmat material under DOT 49 CFR and IATA regulations.

HANDLING PROPERTIES	VALUE	TEST METHOD
<u>EpoPro[®] 956</u>		
Appearance	Clear, yellow Liquid	Visual
Gardener Color	4 max	
Viscosity at 25°C	290 - 500 cps	ASTM D-2393
Amine H+ Equivalent Weight, g/eq	47	
Amine Value, mg KOH/g	1000 - 1100	
Density at 25°C	1.02 g/cm ³	ASTM E-201
Flash Point, closed cup	>93°C	ASTM D-92

Values are based on laboratory or average production results – not for specification purposes.

PACKAGING AVIALABLE

This product is available in pint, quart, 1-gallon, 5-gallon pails, and 55-gallon drums. Other package sizes and types available by request

STORAGE GUIDELINES

EpoPro 956 should be stored between 18°C and 40°C in original container protected from direct sunlight in a dry, cool and well ventilated area, keep away from food, drink and incompatible materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened should be resealed and kept upright to prevent leakage. Shelf-life is a minimum of 2 years from Date of Shipment from SP&S.

HANDLING PRECAUTIONS

Mandatory and recommended industrial hygiene procedures should be followed whenever these products are being handled and processed. For additional information please consult the corresponding Safety Data Sheet (SDS).

Product Datasheet



FIRST AID

In case of contact: **Skin** – Immediately wash skin thoroughly with mild soap and water. Remove contaminated clothing and wash before reuse. Destroy contaminated shoes and other articles made of leather. **Eyes** – Immediately flush eyes with plenty of water for 15 minutes and get prompt medical attention. **Inhalation** - Remove person to fresh air. Administer oxygen or artificial respiration if necessary. Call a physician. **Ingestion** - Do not induce vomiting. Dilute with plenty of water and contact physician immediately. Never give anything by mouth to an unconscious person.

DISCLAIMER - IMPORTANT: The following supersedes Buyer's documents. **SELLER / MANUFACTURER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller / Manufacturer be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict liability, tort or contract arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results presented are based on controlled or laboratory work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended

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