CVC Thermoset Specialties

An Emerald Performance Materials Company

TECHNICAL BULLETIN

EPALLOY™ 5200
Cycloaliphatic Glycidyl Ester
CAS NO. 5493-45-8

DESCRIPTION

EPALLOY 5200 is a difunctional cycloaliphatic glycidyl ester based on Hexahydrophthallic Anhydride. It is a low viscosity resin that is primarily designed for use with anhydride curing agents for electrical insulation applications. Because it is fully aliphatic it is well suited to withstand sun and uv exposure in outdoor use. When cured with accelerated anhydride curing agents, glass transition temperature in excess of 150^{o}C can be attained.

APPLICATIONS

- ☐ Insulating Compounds
- ☐ Encapsulants
- ☐ Potting Compounds

TYPICAL PROPERTIES

Appearance	Clear, Clean
Viscosity @ 25°C, cps	700 – 900
Epoxide Equivalent Weight, g/eq	160 – 180
APHA Color, max	100
Residual Epichlorohydrin, max ppm	50
Weight per Gallon @ 25°C, lbs.	10.1 $\pm$ 0.1
Flash Point, COC, °C, (°F)	169 (336)

HEALTH & SAFETY PRECAUTIONS

EPALLOY 5200 is slightly irritating to the skin. As with all epoxy resins prolonged or repeated skin contact with uncured resin should be avoided. Rubber gloves and full eye protection are recommended. Protective clothing should be worn. Leather articles cannot be cleaned.

Refer to **CVC Thermoset Specialties** Material Safety Data Sheet on EPALLOY 5200 for additional safety & handling information. The MSDS is revised as new data becomes available.

PACKAGING & AVAILABILITY

EPALLOY 5200 is available in 55 gal. non-returnable steel drums (480 lbs. net) and 5 gal. plastic pails (45 lbs. net). Bulk shipments are available with adequate lead-time. Drum inventory is available at most CVC regional warehouses. Check with your local sales representative for the shipping location nearest you.

DISCLAIMER

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