



Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)

EPOTEC YD 019 I

Description

EPOTE YD 019 I is unmodified standard Diglycidyl ether of Bisphenol A epoxy resin. It has high molecular weight and low solution viscosity. It offers higher film flexibility than Type 7 epoxy resin.

Applications

- High performance baking varnishes.
- Can, drum and coil coatings.

Typical properties

Property	Test method	Unit	Specification
Epoxy equivalent weight	DIN 16945/4.15B (89) TEC-AS-C-002	g/eq	2,700 - 3,200
Viscosity* @ 25 °C	ASTM D-1545 (89)	G-H	Z3 - Z5
Color*	ASTM D-1544 (89) TEC-AS-P-006	Gardner	Max. 0.5
Viscosity** @ 25 °C	JIS K 7233 (86)	cPs	4,500 - 7,000
Softening point	JIS K 7234 (86) ASTM E 28-67 (82)	°C	120 - 140

*40% Solution in Butyl Carbitol,

** Brookfield viscosity

Packing

EPOTEC YD 019 I is delivered in plastic bags with capacity of 25 kg each.

Storage

EPOTEC YD 019 I resin should be stored in dry and cool condition away from sources of heat and ignition in original sealed bags. Under these conditions, it has a storage life of at least one year. Acute toxicity and skin irritation of EPOTEC YD 019I resin is of very low order, however it is advised to use personnel protective equipment to avoid inhalation of dust. It is advised to take precaution against static electric hazards when emptying bags.

Handling

Acute toxicity and skin irritation of EPOTEC YD 019 I resin is of very low order. However it is advised to use personnel protective equipment to avoid inhalation of dust. It is advisable to take precaution against static electric hazards when emptying bags.

Food contact statement

When properly formulated and cured for food contact applications, this resin will comply with the U.S. Food, Drugs and Cosmetics Act as amended under Food Additive Regulation 21 CFR 175.300. This use is subject to good manufacturing practices and limitations specified in each regulation, which should be consulted for complete details.

Disclaimer

All recommendations for use of our products whether given by us in writing, verbally or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although, the information contained in this sheet is accurate, no liability can be accepted in respect of such information. We warrant only that our product will meet the designated specifications and make no other warranty either express or implied, including any warranty of merchantability or fitness for a particular purpose as the conditions of application are beyond our control.

For Additional Information, Please Contact:

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