

D-205 Epoxy Reactive Diluent

1. Description

Chemical name: Polyglycol diglycidyl ether,

Molecular formula: $O(CH_2CH_2CH_2O)_nCH_2(CH_2CH_2O)_m$

CAS Number: 39443-66-8

Physical and Chemical Character: Colorless to slight yellow transparent Liquid.

Specific gravity: 1.14-1.16; flash point: 130°C;

2. Technical Data Sheet (TDS):

Specifications	D-205
Viscosity, mPas (25°C)	20-30
Color, APHA	≤100
Epoxy value, eq/100g	0.56-0.67
Epoxy equivalent, (g/eq)	150-179
Hydrolyzable chloride, eq/100g	≤0.02
Inorganic chlorine, eq/100g	≤0.001
Moisture Content, %	≤0.1

3. Application

Dual functionality of epoxy resin active diluent, good flexibility, can be used for the preparation of a variety of epoxy resin casting materials, solvent-free coatings, Impregnation glue, and drop cord glue and adhesive, widely used in large and medium-sized dry-type transformers, transformer high-voltage switching components, micro-motors, capacitors and other electronic components manufacturing; also is the main components of the automotive electronic paint.

4. Packing

- Packed in 200 kg/drum container.
- Storage and transportation must conform to basic requirements of normal chemicals.
- Store in a cool, dry and well ventilated area. Keep away from ignition sources, heat and flame and sunlight.
- It is necessary to maintain insulated (tightly seal) after use, in order to avoid negative influence arising from moisture absorption.

D-215 Epoxy Reactive Diluent

1. Description

Chemical name: Polyglycol diglycidyl ether,

Molecular formula: $O(CH_2CH_2O)_nCH_2(CH_2CH_2O)_nCH_2(CH_2CH_2O)_n$

CAS Number: 39443-66-8

Physical and Chemical Character: Colorless to slight yellow transparent Liquid.

Specific gravity: 1.14-1.16; flash point: 130°C;

2. Technical Data Sheet (TDS):

Specifications	D-215
Viscosity, mPas (25°C)	50-70
Color, APHA	≤100
Epoxy value, eq/100g	0.30-0.38
Epoxy equivalent, (g/eq)	264-334
Hydrolyzable chloride, eq/100g	≤0.02
Inorganic chlorine, eq/100g	≤0.001
Moisture Content, %	≤0.1

3. Application

Dual functionality of epoxy resin active diluent, good flexibility, can be used for the preparation of a variety of epoxy resin casting materials, solvent-free coatings, Impregnation glue, and drop cord glue and adhesive, widely used in large and medium-sized dry-type transformers, transformer high-voltage switching components, micro-motors, capacitors and other electronic components manufacturing; also is the main components of the automotive electronic paint.

4. Packing

- Packed in 200 kg/drum container.
- Storage and transportation must conform to basic requirements of normal chemicals.
- Store in a cool, dry and well ventilated area. Keep away from ignition sources, heat and flame and sunlight.
- It is necessary to maintain insulated (tightly seal) after use, in order to avoid negative influence arising from moisture absorption.