

**Waterborne**

**Product name**  
**EPICLON H-507-42W**

**Description**

EPICLON H-507-42W is a waterborne 1K epoxy resin dispersion for metal coating. EPICLON H-507-42W has excellent adhesion to metal substrates and excellent water resistance. It has higher gloss and better salt spray resistance compared to EPICLON H-502-42W. Solvents are more environmentally friendly.

**Applications**

Metal anti-corrosion coatings.  
Industrial coatings.  
Engineering machinery.  
Coating for mechanical products.

**Key features**

Can be used as 1K paint without hardener.  
Anti-corrosion.  
Water resistance.  
Adhesion to metal substrates.  
Pigment dispersibility by mechanical dispersion and stability

**Characteristics**

<b>EPICLON H-507-42W</b>	
<b>Resin type</b>	Waterborne epoxy dispersion
<b>Appearance</b>	Milky white liquid
<b>Solids content, weight %</b>	37 - 41
<b>Viscosity, mPa·s 25°C</b>	500 - 10000
<b>pH</b>	8.0 - 11.0
<b>Solvent</b>	Water / DPNB <sup>(1)</sup> /PM <sup>(2)</sup> / BCS <sup>(3)</sup>

(1) DPNB: Dipropylene Glycol butyl ether (CAS: 29911-28-2)

(2) PM: Propylene glycol methyl ether (CAS: 107-98-2)

(3) BCS: Butyl cellosolve (CAS: 111-76-2)

**Storage**

Store in a cool, dry, well-ventilated place.

**Safe handling note**

Refer to SDS for EPICLON H-507-42W.

Please confirm with our sales representative regarding chemical regulatory status of intended countries.

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