

Dimethylol Propionic Acid DMPA

2,2 Dimethylol Propionic Acid

Catalog Nr. Q020 Definition Chemical formula: CH3C(CH2OH)2COOH. SYNONYMS: 2,2-Bis(hydroxymethyl)propionic acid; Bis-MPA; DMPA; 3-hydroxy-2-(hydroxymethyl)-2-methyl-propanoic Acid; Dihydroxypivalic Acid; Alpha, Alpha-bis(Hydroxymethyl) Propionic Acid; **CAS Number** 4767-03-7 Polyol and carboxyl acid are essential in polyurethane manufacturing system. Application Dimethylol propionic acid (DMPA) contains two kinds of functional groups in one molecule. There are two primary hydroxyl groups and one tertiary carboxyl group which provide function of making polyurethanes and polyesters especially water soluble. Application includes polyurethane dispersion, alkyds and polyesters, chemical building block, printing inks, photographic chemicals. Technical **APPEARANCE** white to off white crystalline solid 189 - 190 C MELTING POINT Data **BOILING POINT** >200 C SOLUBILITY IN WATER soluble Flash Point: > 150 deg C (> 302.00 deg F) Packaging 25 kg bags & Handling **UN Number** Class **Packaging Group** Remarks

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