

Components for Polyurethanes



Whyte Chemicals supplies many of the diverse chemicals required by polyurethane producers – Systems houses, formulators, and applicators – some branded and some generic materials.

Reactants

- Polyols - polyether polyols – Caradol by Shell
- Trimethylol propane – TMP
- Poly Caprolactones – Daicel

Diols

- 1,6 Hexanediol
- 1,5 Pentanediol
- 1,4 Butanediol
- 1,3 Propanediol

Amines

- AEEA, amino ethyl ethanolamine
- DEA, Di-ethanolamine
- TEA, Tri-ethanolamine
- MDEA, Methyl di-ethanolamine

Catalysts

- FASCAT® Tin based catalysts by PMC Organometallics

Plasticisers

- Velsiflex™ – benzoate plasticisers
- Di propylene glycol dibenzoate – (low hydroxyl content)
- Di propylene glycol dibenzoate / di ethylene glycol dibenzoate blends

Solvents

- DMF , dimethyl formamide
- DMAC, dimethylacetamide
- NEP, N-Ethylpyrrolidone
- NMP, N-Methylpyrrolidone
- PC, propylene carbonate

Others

- Melamine
- Adipic acid
- Moisture scavenger
- Isocyanates



Caradol



Polyether polyols – when combined with isocyanates can be used in a wide range of applications. Coatings, adhesives, sealants, elastomers (CASE – systems).

Available in a wide variety of molecular weights allowing a range of possibilities for processing and applications.

FASCAT®



Polyurethane resin synthesis

Polyurethane foam

Curing catalysts for coatings
1K, 2K solvent & powder

Waterborne

- FASCAT 4202 – dibutyl tin dilaurate

- FASCAT 2003 – stannous bis (2-ethylhexanoate)

- FASCAT 4201 – dibutyl tin oxide

- FASCAT 4202 - dibutyl tin dilaurate

- FASCAT 4200 – dibutyl tin diacetate

Velsiflex™



328 Diethylene glycol dibenzoate / Di propylene glycol dibenzoate DEGB/DPGB blend

320 proprietary blend

342 DPGD

342S DPGD – low hydroxyl content.



Local service, global reach

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