

INGREDIENTS IN EPOXY RESINS AND ADHESIVES

HARDENERS

CHEMICAL NAME	N,N'-BIS-[3-(DIMETHYLAMINO)PROPYL]UREA
CAS	52338-87-1
GRADE NAME	PENTAMIN DAH
PENTAMIN DAH is a catalyst used in the production of polyurethane foam.	
PENTAMIN DAH is widely used in epoxy hardener.	
PENTAMIN DAH is also used in adhesives, paint & coatings.	

STABILISER & REACTIVE DIULENT

CHEMICAL NAME	PHENYL GLYCIDYL ETHER
CAS	122-60-1
GRADE NAME	PGE
PGE is used as stabiliser in the production of epoxy resins.	
PGE is used as reactive diluent for epoxy resins of Bisphenol A type.	
PGE is used as encapsulating electrical impregnation, curing agent adducts.	

CHEMICAL NAME	ALKYL (C12-C14) GLYCIDYL ETHER
CAS	68609-97-2
GRADE NAME	(C12-C14) AGE
(C12-C14) AGE is used as reactive diluent and modifier for epoxies	
(C12-C14) AGE shows better surface wetting, adhesion, filler acceptance due to lower surface tension.	

CHEMICAL NAME	O-CRESOL GLYCIDYL ETHER (70%)
CAS	2210-79-9
GRADE NAME	XY691
XY691 reactive diluent for exposed aggregates, coatings, floorings, and modifier for epoxies.	
XY691 is used in tooling, electrical appliances, civil engineering, and construction adhesives.	
XY691 has excellent chemical resistance against acids and low volatility.	

CHEMICAL NAME	O-CRESOL GLYCIDYL ETHER (97%)
CAS	2210-79-9
GRADE NAME	XY691A
XY691 reactive diluent for exposed aggregates, coatings, floorings, and modifier for epoxies.	
XY691 is used in tooling, electrical appliances, civil engineering, and construction adhesives.	
XY691 has excellent chemical resistance against acids and low volatility.	

CATALYST & CURING AGENT

CHEMICAL NAME	2,4,6-TRIS DIMETHYLAMINO METHYLPHENOL
CAS	90-72-2
GRADE NAME	DMP-265
DMP-265 is a catalyst that can be used both as a curing agent and as an activator.	
DMP-265 is used in sealant and concrete adhesives applications.	
DMP-265 room temperature catalyst and co-curing agent for epoxides.	

Polymer Add (Thailand) Co; Ltd.



CHEMICAL NAME	METHYL TETRAHYDRO PHTHALIC ANHYDRIDE
CAS	11070-44-3
GRADE NAME	MTHPA
MTHPA is a low cost versatile liquid anhydride curing agent for epoxy resins.	

CHEMICAL NAME	N,N-DIMETHYLBENZYLAMINE
CAS	103-83-3
GRADE NAME	BDMA
BDMA is used as catalyst for curing agents used in the production of polyurethane foams.	
BDMA is used as catalyst in the production of epoxy resins.	
BDMA is used as accelerator for epoxy resins in laminates for electrical equipment.	
BDMA is used as sensitizer for the photopolymerization of methacrylates.	