

List of Raw Material Suppliers

Product	Function	Description	Supplier
Acronal 700 L	Plasticizer	Butylacrylate/vinylisobutylether-co-polymer	BASF
Additol VXL 1105	Anti adhesion promoter	Mixed Na/TEA - salt of a complex amino carbonic acid	Allnex
Additol VXL 6383	Anti adhesion promoter	Mixed Na/TEA - salt of an alkenyl succinic derivative No longer available. Alternative: Additol VXL 1105	
Addocat PP	Catalyst	Blend of tertiary amines	Rhein Chemie
Aerosil 200	Thickening agent; thixotropic agent	Fumed silica	Evonik Industries
Agitan DF 6420	Antifoam agent	Blend of nonionic tensides	Münzing Chemie
AKTIFIT AM	Filler	Neuburg Siliceous Earth, surface treated	HOFFMANN MINERAL
AKTIFIT PF 111	Filler	Neuburg Siliceous Earth, surface treated	HOFFMANN MINERAL
AKTIFIT PF 115	Filler	Neuburg Siliceous Earth, surface treated	HOFFMANN MINERAL
AKTIFIT Q	Filler	Neuburg Siliceous Earth, surface treated	HOFFMANN MINERAL
AKTIFIT VM	Filler	Neuburg Siliceous Earth, surface treated	HOFFMANN MINERAL
AKTISIL AM	Filler	Neuburg Siliceous Earth, surface treated	HOFFMANN MINERAL
AKTISIL EM	Filler	Neuburg Siliceous Earth, surface treated No longer available. Alternatives: AKTISIL AM, AKTISIL MM, AKTIFIT AM or AKTIFIT PF 115	HOFFMANN MINERAL
AKTISIL MAM	Filler	Neuburg Siliceous Earth, surface treated	HOFFMANN MINERAL
AKTISIL MM	Filler	Neuburg Siliceous Earth, surface treated	HOFFMANN MINERAL
AKTISIL PF 777	Filler	Neuburg Siliceous Earth, surface treated	HOFFMANN MINERAL
AKTISIL VM 56	Filler	Neuburg Siliceous Earth, surface treated	HOFFMANN MINERAL
Ancamine 2143	Hardener	Cycloaliphatic amine	Evonik Industries

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Baerolub L-CD	Lubricant	Fatty acid glycerol ester	Baerlocher
Bayferrox 318 M	Pigment	Iron oxide black	Lanxess
Bayferrox 415	Pigment	Iron oxide yellow	Lanxess
Bayferrox 920	Pigment	Iron oxide yellow	Lanxess
Blanc Fixe micro	Filler	Precipitated barium sulfate	Venator Materials Corporation
Byk-1711	Antifoam agent	Mixture of foam-destroying polymers and hydrophobic solids	Byk Chemie
Byk-A 501	Antifoam agent	Combination of foam destroying polymers, free of silicone	Byk Chemie
Byk-E 420	Rheological additive	Solution of a modified urea, solvent: N-Ethylpyrrolidone	Byk Chemie
Byk-P 104S	Wetting agent	Solution of a low molecular unsaturated polycarboxylic acid polymer and a polysiloxane-copolymer	Byk Chemie
CAB-O-SIL TS-720	Thickening agent; thixotropic agent	Fumed silica	Cabot
Caradol ED 56-200	Plasticizer	Polypropylene glycol	Shell Chemicals
Colortherm Green GN	Pigment	Heat stable chromium oxide green	Lanxess
Crayvallac SLX	Rheological additive	Mikronized amide wax	Cray Valley
DBU (Diazabicycloundecene)	Catalyst		Sigma Aldrich
D.E.R. 336	Binding agent	Liquid epoxy resin, based on Bisphenol A	Dow Chemical Company
Dabco 33-LV	Catalyst	1,4-Diazabicyclo(2,2,2) octane	Evonik Industries
Dabco DC-1	Catalyst	Combination of delayed tin and amine catalysts	Evonik Industries
DBTL-T-12N	Catalyst	Dibutyltin dilaurate	Evonik Industries
Desmocap 11	Binding agent	Branched polymer with ether and urethane groups; contains crosslinkable, blocked isocyanate groups	Covestro
Desmocap 12	Binding agent	Linear PU prepolymer with crosslinkable, blocked isocyanate groups	Covestro
Desmodur E 23	Hardener	Aromatic polyisocyanate prepolymer, based on MDI	Covestro
Desmodur E 2863 XP	Hardener	Aliphatic ester groups containing prepolymer based on hexamethylene diisocyanate (HDI)	Covestro
Desmodur N 3400	Hardener	Aliphatic polyisocyanate based on HDI	Covestro

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Desmodur N 3900	Hardener	Low-viscosity, aliphatic polyisocyanate resin based HDI	Covestro
Desmodur VL	Hardener	Aromatic polyisocyanate based on MDI	Covestro
Desmodur VL 50	Hardener	Aromatic polyisocyanate based on MDI	Covestro
Desmodur Z 4470 SN	Hardener	Aliphatic polyisocyanate based on IPDI	Covestro
Desmophen 5028 GT	Binding agent	Polyether polyol	Covestro
Desmophen C 1200	Binding agent	Linear, aliphatic polycarbonate polyester	Covestro
Desmophen NH 1420	Binding agent	Polyaspartic ester, aminofunctional co-reactant for polyisocyanates	Covestro
Desmophen NH 2850 XP	Binding agent	Polyaspartic ester, aminofunctional co-reactant for polyisocyanates	Covestro
Desmoseal S XP 2458	Binding agent	Silane-terminated polyurethane	Covestro
Desmoseal S XP 2636	Binding agent	Silane-terminated polyurethane	Covestro
Desmoseal S XP 2821	Binding agent	Silane-terminated polyurethane	Covestro
Disflamoll TOF	Phosphate plasticizer	Tri octyl phosphate	Lanxess
Disperbyk-194 N	Dispersing / wetting additive	Solution of a copolymer with pigment affinic groups	Byk Chemie
Dyhard 100S	Hardener	Micronized grade of dicyandiamide	AlzChem
Dyhard UR300	Accelerator	based on substituted urea	AlzChem
Dynasylan 1146	Adhesion promoter	Amino silane	Evonik Industries
Dynasylan 1505	Adhesion promoter	Amino silane	Evonik Industries
Dynasylan AMEO	Adhesion promoter	Amino silane	Evonik Industries
Dynasylan AMMO	Adhesion promoter	Amino silane	Evonik Industries
Dynasylan VTMO	Drying agent	Vinyl silane	Evonik Industries
Edenor Ti 05	Plasticizer	Oleic acid	Emery Oleochemicals
Efka RM 1920	Rheological additive	Derivate of castor oil	BASF
Epikote Resin 174	Binding agent	Epikote Resin 174 is no longer available. Please use a similar liquid epoxy resin (M=378 g/mol, EEW 189 g/eq, epoxy content 22.8%).	Hexion
Epikote Resin 816 MV	Binding agent	Low viscosity epoxy resin based on bisphenol A and epichlorohydrin, containing an added proportion of Cardura E10P (glycidyl ester of neodecanoic acid) as a reactive diluent	Hexion

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Epikote Resin 1001	Binding agent	Solid epoxy resin based on bisphenol A and epichlorohydrin	Hexion
Epikure 3253	Accelerator	Tertiary amine	Hexion
Epikure 8545-W-52	Hardener	Non-ionic, water reducible, modified amine adduct	Hexion
Ethacure 300	Hardener	Liquid aromatic diamine	Albemarle
EWO	Filler	Barium sulfate, natural	Sachtleben Minerals
Fibadur 04007284	Pigment paste	Inorganic pigment preparation	Finke Colors
Finma-Sorb 430 PR	Dessicant	Zeolite in castor oil	Finma Chemie
Fleur	Filler	Barium sulfate, natural	Sachtleben Minerals
Geniosil GF 96	Adhesion promoter	Amino silane	Wacker Chemie
Geniosil STP-E 10	Binding agent	Silane-terminated polyether	Wacker Chemie
Geniosil XL 10	Drying agent	Vinyl silane	Wacker Chemie
HDK H 18	Thickening agent; thixotropic agent	Fumed silica	Wacker Chemie
Hombitan R 611	Pigment	Titanium dioxide (rutile) No longer available. Alternative: Sachtleben R-KB-4	Sachtleben
Irganox 1035	Antioxidant Heat stabilizer		BASF
Irganox 1076	Antioxidant	Octadecyl propionate	BASF
Irganox 1135	Antioxidant Heat stabilizer		BASF
Isonate 143 L	Hardener	Polycarbodiimide-modified isocyanate based on MDI	Dow Chemical Company
Jayflex DIUP	Plasticizer	Diiso undecyl phthalate	ExxonMobil
Jeffamine D-2000	Hardener	Polyether amine	Huntsman Corporation
Kaneka Silyl™ SAX750	Binding agent	Silane- terminated polyether	Kaneka
Laromin C 260	Hardener	Cycloaliphatic diamine	BASF
Metatin Catalyst 850	Catalyst		Acima
Mesamoll	Plasticizer	Alkylsulphonic acid ester of phenol	Lanxess
Millicarb	Filler	Calcite	Omya
Millisil W 8	Filler	Quartz powder	Quarzwерke
Millisil W 10	Filler	Quartz powder	Quarzwерke
MS Polymer™ S303H	Binding agent	Silane- terminated polyether	Kaneka
Naftolen ND	Plasticizer	naphthenic	Kewo Chemical Trading
Neostann S1	Catalyst		Kaneka
No Air flüssig	Antifoam agent		Baerlocher

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Novares LA 700	Binding agent	Liquid, phenol-modified hydrocarbon resin	Rütgers
Phenoxypropanol	Reactive diluent	Etheralcohol	Lanxess
Plastik-Farbpaste	Pigment paste	Inorganic pigment preparation	Finke Colors
Poly bd R45HTLO	Binding agent	Polybutadiene	Sartomer
Printex V	Pigment	Carbon black	Orion Engineered Carbons
Rhenocure 1000 C	Accelerator	based on o-tolylbiguanide	Rhein Chemie
Sachtleben R-FK-2	Pigment	Titanium dioxide (rutile)	Venator Materials Corporation
Sachtleben R-KB-4	Pigment	Titanium dioxide (rutile)	Venator Materials Corporation
Santicizer 160	Plasticizer	Benzybutylphthalate	Ferro
Setathane D 1150	Binding agent	Branched polyalcohol with ester and ether groups	Nuplex Resins
Setathane D 1155	Binding agent	Branched polyalcohol with ester and ether groups	Nuplex Resins
SILFIT Z 91	Filler	Neuburg Siliceous Earth	HOFFMANN MINERAL
SILLITIN V 85	Filler	Neuburg Siliceous Earth	HOFFMANN MINERAL
SILLITIN Z 86	Filler	Neuburg Siliceous Earth	HOFFMANN MINERAL
SILLITIN Z 86 PURISS	Filler	Neuburg Siliceous Earth	HOFFMANN MINERAL
SILLITIN Z 89	Filler	Neuburg Siliceous Earth	HOFFMANN MINERAL
SILLITIN Z 89 PURISS	Filler	Neuburg Siliceous Earth	HOFFMANN MINERAL
Silquest A-187	Adhesion promoter	Epoxy silane	Momentive Performance Materials
Solvesso 100	Solvent	Aromatic hydrocarbon	ExxonMobil
Spezialpaste grau 48597	Pigment paste	Inorganic pigment preparation	Finke Colors
Suprasec 2020	Hardener	Uretonimine-modified pure MDI	Huntsman
Sylosiv A4	Desiccant	Zeolithe, pore openings approx. 4 Å	Grace
Synalox 100-50B	Plasticizer	Polypropylene glycol monobutylether	Dow Chemical Company
Tego Airex 900	Antifoam agent	Organo-modified polysiloxane	Evonik Tego Chemie
Tego Airex 944	Antifoam agent	Formulation based on deaerating organic polymers	Evonik Tego Chemie
Tego Airex 980	Antifoam agent	Organo-modified polysiloxane No longer available. Alternatives: Tego Airex 944, Tego Airex 990 or Tego Airex 991	Evonik Tego Chemie
Tego Airex 990	Antifoam agent	Formulation based on deaerating organic polymers, with tip of silicone	Evonik Tego Chemie

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Tego Airex 991	Antifoam agent	Formulation based on deaerating organic polymers, with tip of silicone	Evonik Tego Chemie
Tego Wet 250	Substrate wetting, Anti-crater additive	Polyether siloxane copolymer	Evonik Tego Chemie
Thiokol LP-980	Binding agent	Liquid polysulfide polymer	Toray Fine Chemicals
Tioxide TR92	Pigment	Titanium dioxide (rutile)	Huntsman Pigments
Tinuvin 292	Light stabilizer	Liquid pentamethyl piperidyl sebacate	BASF
Tinuvin 327	UV-Absorber	based on hydroxyphenyl benzo-triazole	BASF
Tinuvin 328	UV-absorber	based on hydroxyphenyl benzo-triazole	BASF
Tinuvin 770	Light stablizer	solid tetramethyl piperidyl sebacate	BASF
Tinuvin 1130	UV-absorber	based on hydroxyphenyl benzo-triazole	BASF
UOP L-paste	Dessicant	Zeolite in castor oil	UOP
UOP L-powder	Dessicant	Zeolite	UOP
UOP T-powder	Dessicant	Zeolite	UOP
Weston TNPP	Stabilizer	Trisnonylphenyl phosphite	Chemtura