



General Products Listing

web: www.harwickstandard.com

phone: 330-798-9300

Product Type	Product Trade Name	Producer/Supplier
Accelerators		
Dithiocarbamates	Accelerator: CDMC, TDEC, ZBEC, ZDBC, ZDEC, ZDMC	Harwick Standard
	Ekaland™: NDBC	MLPC International
Guanidines	Ekaland: DOTG, DPG	MLPC International
Parabenzoinone Dioximes	Ekaland: BQD 30DS, 30DX, 50HU	MLPC International
Paradinitrosobenzenes	Ekaland: PPDN 30 DX, 50 HU;	MLPC International
	Rosinox	MLPC International
Phenoldisulfides	Vultac®: 2, 3, 5, 710, TB7, TB710	Arkema, Inc.
Thiadiazole	Echo A	Arkema, Inc.
Thiazoles	Accelerator: MBD, MBT, MBTS, ZMBT	Harwick Standard
Thioureas	Ekaland: DATU, DBTU, DETU, DOTTU, DPTU, ETU	MLPC International
Thiurams	Accelerator: MET, TETD, TiBTD, TMTD	Harwick Standard
	Ekaland: DPTT, TBzTD, TMTM	MLPC International
Sulfenamides	Accelerator: CBS, DCBS, MBS, TBBS	Harwick Standard
Sulfur Donor	Ekaland: DTDM	MLPC International
Anti-Foams		
Silicone Anti-Foams	AF 9000, SAG 30	Momentive Performance Materials
Antioxidants/Antiozonants		
Alkylated Phenols/BIS-Phenols	Stangard® PC	Harwick Standard
	Wingstay®: L, S, T	OMNOVA Solutions
Amino Phenol	Ethanox® 4703	Albemarle Corporation
Diphenylamines	Stangard ODP	Harwick Standard
	Wingstay 29	OMNOVA Solutions
Mercaptobenzimidazole	Ekaland MMBI	MLPC International
Paraphenylenediamines	Stangard: 6PPD, DTPD, IPPD	Harwick Standard
Phenolics	Ethanox: 310, 376, 4702	Albemarle Corporation
Phosphite	Ethaphos® 368	Albemarle Corporation
Quinolines	Stangard: TMQ, TMQ-E, TMQ Powder	Harwick Standard
Specialty Type	Stangard 500	Harwick Standard
Anti-Scorch Agents		
Nitroso Diphenylamine	Ekaland Nitroso HU	MLPC International
Specialty Types	Stangard: CTP, PA	Harwick Standard
Bonding Agents		
Hexamethoxymethylmelamine	Resimene® 3520 Liquid and 3520 S-72 Powder	INEOS Melamines
Hexamethylenetetramine	HEXA Free-Flowing (Pulverized)	Momentive Specialty Chemicals, Inc.

Product Type	Product Trade Name	Producer/Supplier
Casein		
Caseins	Casein: 11, 12, 13	Harwick Standard
Chemical Dispersions		
Chemical Dispersions	Mastermix Product Line	Hexpol Compounding - Performance Additives
Co-Curing Agents		
Peroxide Cures	<u>Acrylates</u> : Natro-Cel® 519-A, Saret 521 DLC®-A <u>Allylics</u> : TAC DLC-A, TAIC DLC-A <u>Dimethacrylates</u> : SR-206 DLC-A <u>Methacrylates</u> : Natro-Cel: 35-A; Saret: 500, 515 DLC-A, 517 DLC-A, 517 DLC-A-75 <u>Trimellitates</u> : Natro-Cel TATM-A	Natrochem, Inc. Natrochem, Inc. Natrochem, Inc. Natrochem, Inc. Natrochem, Inc.
Coupling Agents		
Liquid Organo Silanes	<u>Aminos</u> : Silquest®: A-1100, A-1120 <u>Epoxy</u> : Silquest A-187 <u>Mercaptos</u> : Silquest: A-189, A-1891; e-free 189™ Silane <u>Methacryl</u> : Silquest A-174NT <u>Vinyls</u> : Silquest: A-151NT, A-171, A-172NT, RC-1	Momentive Performance Materials Momentive Performance Materials Momentive Performance Materials Momentive Performance Materials Momentive Performance Materials
Dry Liquid Concentrates	<u>Aminos</u> : A-1100 DLC, A-1120 DLC <u>Epoxy</u> : A-187 DLC <u>Methacryl</u> : A-174 DLC <u>Vinyls</u> : A-172 DLC, Sil 400 DLC <u>Specials</u> : Silane NX DLC (Modified Mercapto); Silane EF 189 DLC (Ethanol Free A-189)	Natrochem, Inc. Natrochem, Inc. Natrochem, Inc. Natrochem, Inc. Natrochem, Inc.
Dry Silane Concentrates	<u>Mercaptos</u> : DSC: 18N <u>Polysulfides</u> : DSC: 2S, 4S <u>Vinyl</u> : DSC 74	Hexpol Compounding - Performance Additives Hexpol Compounding - Performance Additives Hexpol Compounding - Performance Additives
Dry Liquid Concentrates		
Hard-to Handle Liquids in Free-Flowing Powder Form	Butyl Tuads DLC-A, Calight RPO DLC-A, CI-10 DLC-A, CI-25 DLC-A, CI-50-DLC-A, DBP DLC-A, DER 331 DLC-A, DHIN DLC-A, DOA DLC-A, DOP DLC-A, DOS DLC-A, Epon 828 DLC-A, LP-31 DLC-A, Natro-Cel: 100N-A, 1312-A, BCA-A, PE-A Petrolatum DLC-A, Petrolatum T DLC-A, Sunpar 2280 DLC-A, Tar-Cel®: 14, 20, 30, TEA DLC-A	Natrochem, Inc.
Fatty Acids		
Stearic Acid		Harwick Standard
<i>Tallow Based</i>	<u>Heat Stable, High Assay</u> : Stearic Acid F-300 <u>Technical Grades</u> : Stearic Acid: F-1000, F-1500 <u>General Purpose Rubber Grade</u> : F-2000	
<i>Vegetable Based</i>	<u>General Purpose Rubber Grade</u> : F-2500	



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Fillers		
Calcium Carbonate	GLC-1003, 1006, 1012, 1012d, 1013	Great Lakes Calcium Corporation
Carbon Black - <i>Furnace Blacks</i>	<u>Very High Reinforcing:</u> N110, N121, N134 <u>High Reinforcing:</u> N220, N231, N234, N299 <u>Medium Reinforcing:</u> N326, N330, N339, N347, N351, N358 <u>Semi-Reinforcing:</u> N550, N650, N762, N772, N774 <u>Clean Semi-Reinforcing:</u> SR530, SR630, SR730 <u>Specialty Grades, Inks, Coating & Plastic:</u> SR155, SR301, SR310, SR401, SR511 <u>Conductive:</u> Sidcon 119, 159, 419	Sid Richardson Carbon Company
Clays - Hard (Air Floated)	Champion® and Natka® 1200, Type 80	Active Minerals Int'l LLC
Clays - Soft	GK 990, 995, 997	M & M Clay
Clays - Hard (Kaolin)	<u>Calcined:</u> GK-IB, GK-ICK, GK-300, GK-500 <u>Water-Washed:</u> GK-100, GK-170, GK-400 <u>Surfaced-Modified:</u> GK-KE (vinyl), GK-5178 (silicone), GK-2211 (amino)	M & M Clay M & M Clay M & M Clay
Coal - Ground	Austin Black® 325	Coal Fillers, Inc.
Fine Cellulose Filler	Solka-Floc®: 20, 40, 40E, 100, 200, 300	International Fiber
Silica - Precipitated, Hydrated, Amorphous	<u>Highly Reinforcing Grades:</u> Hi-Sil™: 134G, 190G, 900, 915, HDP-320G <u>Reinforcing Grades:</u> Hi-Sil: 210, 233, 243 LD <u>Semi-Reinforcing Grades:</u> Hi-Sil 532 EP, Silene® 732D <u>Surface Treated Grade:</u> Agilon 400; Ciptane I (Hi-Sil 210 base) <u>High Absorbing Grade:</u> Hi-Sil ABS <u>Amorphous Semi-Reinforcing Grade:</u> Silica S	PPG Industries PPG Industries PPG Industries PPG Industries Harwick Standard
Fire Retardants		
Antimony Oxides	Low Tint, High Tint, Wetted	Harwick Standard
Chlorinated Paraffins	Chloroflo® 42; Paroil®: 54NR, 58NR, 60H, 63NR, 140, 142, 142 LV CPW-100	Dover Chemical Dover Chemical Harwick Standard
Fire-Resistant Hydraulic Fluid	Fyrquel® 220	ICL-IP Industrial Products
Magnesium Hydroxide	Magnesium Hydroxide	Harwick Standard
Pentaerythritol	Charmor™ PT40	Perstorp Polyols
Phosphate Ester Plasticizers	<u>Aryls:</u> Lindol® TCP, Phosflex®: 41L, 71B <u>Alkylated Aryls:</u> Phosflex: 362, 390 <u>Alkyl:</u> Phosflex T-BEP	ICL-IP Industrial Products ICL-IP Industrial Products ICL-IP Industrial Products
Zinc Borates	Firebrake®: ZB, ZB Fine, ZB-XF, 415, 500	Rio Tinto Minerals

Product Type	Product Trade Name	Producer/Supplier
Lubricants		
Low Molecular Weight Olefin Waxes	<u>Coating Grades:</u> Epolene® C-10, C-13, C-15, C-16*, C-16P*, C-17, C-18*	Westlake Polymers LLC
	<u>Emulsifiable Grades:</u> Epolene: E-10, E-14*, E-14P*, E-16, E-20* E-43, E-43P * = chemically modified P = Powder	Westlake Polymers LLC
	<u>Non-Emulsifiable Grades:</u> Epolene: N-10, N-10P, N-11, N-14, N-14P, N-15, N-15P, N-21, N-21P, N-34, N-34P P = Powder	
Low Molecular Weight Polyethylene Wax	Stan-Wax 1012	Harwick Standard
Polyethylene Emulsion	PE-40	Harwick Standard
PTFE Powders	Daikin PTFE L-5F, LF-100	Daikin America
Silicone Emulsions	<u>Std. Dimethyls:</u> SM-2128 (FDA) NPF (Nonyl Phenol Free), SM 2140 NPF, SM-2162, SM-2163 NPF	Momentive Performance Materials
	<u>Specialties:</u> SM-2059, SM-2068A	Momentive Performance Materials
Silicone Fluids	<u>Alkyl:</u> SF-1147	Momentive Performance Materials
	<u>Phenyl:</u> SF-1154	Momentive Performance Materials
	<u>Specialties:</u> SF 69, SF 18-350 (FDA), SF-1023 (Silanol)	Momentive Performance Materials
	<u>Standard Dimethyls:</u> Element 14 PDMS (5-1000)	Momentive Performance Materials
Tire Lubricants	Lubrex® BTC 15	Hexpol Compounding - Performance Additives
	Silicone Emulsion 350	Harwick Standard
Magnesium Oxides		
	<u>Medium Surface Area Bar:</u> Stan-Mag Bars	Hexpol Compounding - Performance Additives
	<u>Medium Surface Area Bead:</u> Stan-Mag Mini-Beads	
	<u>Combination Zinc Oxide/Magnesium Oxide:</u> Stan-Mag: 1326 HR, MBZ	
	<u>Low Surface Area Powder:</u> Stan-Mag 112	
	<u>Medium Surface Area Powder:</u> Stan-Mag MLW	
	<u>High Surface Area Powders:</u> Stan-Mag: AG, DS2	
Metallic Stearates		
Metallic Stearates	<u>Aluminum:</u> 303 (distearate), 505 (monostearate), 404 (tristearate)	Ferro Corporation
	<u>Calcium:</u> 114-36, NF, Wettable (precipitated); 12B, 114-40, 15F (fused)	Ferro Corporation
	<u>Magnesium:</u> 90	Ferro Corporation
	<u>Zinc:</u> 8, ACF, D, USP, Wettable (fused)	Ferro Corporation
	<u>Barium</u>	Ferro Corporation
	Potassium, Sodium Stearates	Harwick Standard
Multifunctional Additives		
Polyethylene Glycol	<u>Liquids:</u> EF® E-200, 300, 400, 600, 1000	Environmental Fluids USA, LLC
	<u>Semi-Solids:</u> EF® E-1450, 1500, 2000	Environmental Fluids USA, LLC
	<u>Solids:</u> EF® E-3350, 4000, 6000, 8000, 20000	Environmental Fluids USA, LLC



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Peroxides		
Vulcanizers and Catalysts	<u>Diacyl</u> : Luperox® A-98, ANS55, Luperox DI	Arkema, Inc.
	<u>Diacyl</u> : Noviper® DB50	Novichem
	<u>Dialkyls</u> : Di-Cup®: R, 40C, 40KE, DC40P-SP2;	Arkema, Inc.
	Vul-Cup®: R, 40 KE, 40SI;	Arkema, Inc.
	Luperox: 101, 101XL-45, 130XL-45,	Arkema, Inc.
	EZD-SP2, F40P-SP2, HP101XLP	
	<u>Peroxyester</u> : Luperox P	Arkema, Inc.
	<u>Peroxyketal</u> : Luperox: 230XL-40, 230XL-40SP	Arkema, Inc.
	231XL40, 231XL40-SP	
Pigments		
Dry Pigments	Stan-Tone™ :D and DC	Hexpol Compounding - Performance Additives
	<u>Anatase and Rutile</u> : Tipaque® Titanium Dioxide	Ishihara Corp (USA)
	<i>(Limited Regions Only)</i>	
	<u>Anatase</u> : Stan-Pig A-1, A-200	Harwick Standard
	<u>Rutile</u> : Stan-Pig: R-50, R-52, R-130, R-200, R-300, R-400, R-500, R-600, R-700, R-730, R-780, R-800, R-900, R-920, R-950	Harwick Standard
Polymeric Pigment Dispersions	Stan-Tone EP, MB, MC	Hexpol Compounding - Performance Additives
Plasticizers		
Phthalates	Polycizer®: DBP, DIDP, DIDP-E, DINP, DOP, DOTP; Merrol® DAP	Harwick Standard
Phthalate Free	Polycizer DHIN	Harwick Standard
Sebacates	Polycizer: DBS, DOS	Harwick Standard
Adipates	Polycizer: DBEEA, DOA	Harwick Standard
	Merrol 4226 (DBEEA)	Harwick Standard
	Natro-Flex® BCA	Natrochem, Inc.
Polymeric	Admex®: 334F, 523, 760, 761, 6187	Eastman Chemical
Polymeric Polyester Adipates	Polycizer P-6400;	Harwick Standard
	Merrol P6320, P6420	Harwick Standard
Pentaerythritol Esters	Hercoflex® 600	Ashland Hercules Water Tech
Oleates	Polycizer Butyl Oleate	Harwick Standard
Tallates	Natro-Flex IOT;	Natrochem, Inc.
	Merrol 818T	Harwick Standard
Epoxides	Polycizer ESO, Polycizer E-68; Merrol E-68	Harwick Standard
Trimellitates	Polycizer: TOTM, TOTM-E, TINTM-E; Merrol 810TM-E	Harwick Standard
Pine Tar Derivatives	Tarene™: 14, 20, 30, 40	Natrochem, Inc.

Product Type	Product Trade Name	Producer/Supplier
Plasticizers (continued)		
Specialties	Polycizer MO	Harwick Standard
	Plasticizer OLN, SC-E, SC-B	Harwick Standard
	Merrol DOZ-E, 3810	Harwick Standard
Benzoates	Benzoflex® 9-88	Eastman Chemical
Phosphate Esters	Lindol®	ICL-IP Industrial Products
Polymers/Elastomers		
BR		
High CIS Polybutadiene	BR 1208	LG Chem
EPDM		
Non-Oil Extended	<u>Copolymers</u> : Keltan®: 3200A, 740	Lanxess
	<u>Very Fast Curing</u> : Keltan: 512, 5508, 27, 520, 720Z, 312, 378Z, 578Z	Lanxess
	<u>Ultra Fast Curing</u> : Keltan: 2340A, 4703, 8340A, 8642A, 314, 4903	Lanxess
	<u>Very Low Mooney</u> : Keltan 1200A	Lanxess
Oil-Extended	Keltan: 4331A, 4551A, 5531A, 6251A, 6531A, 7341A	Lanxess
SBR		
Non Oil-Extended	Copo®: 1500, 1502, 1507	Lion Copolymer
Oil-Extended	Copo: 1712, 1712C, 1712G, 1778	Lion Copolymer
Black Masterbatch	Carbomix®: 1605, 1620	Lion Copolymer
Black Masterbatch/Oil-Extended	Carbomix: 1606, 1609, 1805, 1815, 1847, 1848, 3651	Lion Copolymer
NBR (Nitrile)		
Cold Polymerization	<u>Medium Low ACN (27%)</u> : N-726	Nitriflex
	<u>Medium Low ACN (28%)</u> : NBR 7150	LG Chem
	<u>Medium ACN (33%)</u> : N-612B, N-615B, N-608;	Nitriflex
	<u>Medium ACN (33%)</u> : NBR 6230, 6240, 6250, 6280, 6840, 6850	LG Chem
	<u>High ACN (39%)</u> : N-300	Nitriflex
	<u>High ACN (41%)</u> : NBR-3250, 3280	LG Chem
	<u>Ultra-high ACN (45%)</u> : N-206	Nitriflex
Hot Polymerization	<u>Medium Low ACN (30%)</u> : N-7, N-8	Nitriflex
	<u>High ACN (39%)</u> : N-5	Nitriflex
Carboxylated NBR	<u>Medium Low ACN (27%)</u> : Nitriclean 3350X	Nitriflex
Nitriclean NBR (low mold fouling)	<u>Medium Low ACN (28%)</u> : Nitriclean 2858	Nitriflex
	<u>Medium ACN (33%)</u> : Nitriclean: 3335, 3355; N-685, N-689B	Nitriflex
	<u>High ACN (39%)</u> : N-386B	Nitriflex
NBR Powder	<u>Medium Low ACN (27-30%)</u> : NPX-2235 (Talc/Silica) NP-1021, NP-2170 (CaCO ₃)	Nitriflex
	<u>Medium ACN (33%)</u> : NP-2021 (CaCO ₃), NP-3083, NP-6000, NP-6021	Nitriflex
	<u>Medium ACN (33%)</u> : NP-1121, NP-3183 (PVC), NP-6221 (Talc)	Nitriflex
	<u>High ACN (39%)</u> : NP-2150 (CaCO ₃)	Nitriflex



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Polymers/Elastomers (continued)		
<i>NBR (Nitrile) (continued)</i>		
NBR/PVC	<u>Medium Low ACN (28%):</u> N-7220 (70/30 NBR/PVC)	Nitriflex
	<u>Medium ACN (33%):</u> N-6420 (60/40 NBR/PVC) PDC-7423, N-7411, N-7420P, N-7410, N-7420 (above: 70/30 NBR/PVC)	Nitriflex
<i>CPE (Chlorinated Polyethylene)</i>		
Thermoset Grades	Tyrin®: CM 566E, CM 3551E, CM3630E, Tyrin EXT 1000E	Dow Specialty Plastics &
Thermoplastic Grades	Tyrin: 2500E, 3611E, 4211E, 6000, 7100	Dow Specialty Plastics &
<i>NR (Natural Rubber)</i>		
Natural Rubber	<u>Visually Graded Rubber Sheet:</u> 1RSS, 3RSS	Harwick Standard
	<u>Technically Specified:</u> SIR, SMR, SVR	Harwick Standard
Process Oils		
Aromatic	Stan-Flux LV1	Harwick Standard
Paraffinics	Stan-Lube: 10, 15, 60, 80	Harwick Standard
Naphthenics	Stan-Plas: 100/105, 150, 300, 500, 1200, 2000	Harwick Standard
Naphthenic (FDA)	Stan-Plas 101C (178.3620 Part C)	Harwick Standard
White Oils (Tech Grade)	Stan-Lube: 60-T, 90-T, 220-T, 350-T, 6006, 6056	Harwick Standard
White Oils (Food Grade)	Duoprime® 350 Stan-Lube: 70-W, 90-W, 100-W, 130-W, 180-W, 220-W, 500-W	Calumet/Penreco Harwick Standard
PVC Additives		
Acrylic Impact Modifiers	Paraloid™: BTA-753ER, EXL-3361, EXL-5136, K-120ND, K-125, K-130D, K-175, K-400, KF-710, KM-330, KM-334, KM-940 KM-5000, KM-X100 PRO	Dow Plastics Additives
Lubricants - Bisamide Wax	Advawax™ 280	Dow Plastics Additives
Lubricants - Vinyl	Advalube™: B-3310, B-3314, B-4540, E-2100, F-1005, F-1020, F-1060LN	Dow Plastics Additives
Lubricants - Vinyl -1 pack systems	Advapak™: S-1100, S-1203	Dow Plastics Additives
Stabilizers for Flexible	Micro-Chek® (Biocides): 11-DIDP, 11-IPA, 11-P Therm-Chek® (Mixed Metal Heat Stabilizer): Barium/Zinc Based; Calcium/Zinc Based	Ferro Corporation Ferro Corporation
	UV-Chek® (Ultra-Violet): AM-300, AM-340	Ferro Corporation
Stabilizers (Tin) for Rigid	Advastab™: TM-181-FS, TM-404ER, TM-694, TM-900F, TM-3412	Dow Plastics Additives

Product Type	Product Trade Name	Producer/Supplier
Reodorants		
Fragrances used in Rubber and Plastics	Stan-Mask: Baby Powder, Bubblegum, Cinnamon, Citrus, Floral, Peach, Sweet Strawberry, Vanilla, Wintergreen	Harwick Standard
Resins		
Hydrocarbon Resins	<u>Aliphatic:</u> HC Resin C-5	Harwick Standard
	<u>Aromatic:</u> HC Resin C-9	Harwick Standard
	<u>Aliphatic Aromatic Blend:</u> HC Resin C-5/C9	
Polyterpenes	Piccolyte®: A, C, and S Series	Pinova Inc.
Rosin Resins	Foral ®: 85, 105, AX, AX-A, NC;	Pinova Inc.
	Pentalyn®: 830, A, FC, G, H, X;	Pinova Inc.
	Staybelite®: A, Ester 3, Ester 3-A, Ester 5, Ester 5-A, Ester 10	Pinova Inc.
Dark Hydrocarbon	Resinex® 100F	Harwick Standard
Coumarone Indenes	Natrorez®: 10, 25, 50D	Natrochem, Inc.
High Styrenes	Pliolite®: S6B, S6S	OMNOVA Solutions
Rubber Chemical Dispersions		
Oil-Treated Powders	Redimix Line	Hexpol Compounding - Performance Additives
Polymeric Bound	Mixland®+	MLPC International
Polymeric Modified	Poly Bound® Line, FKM Masterbatches	Hexpol Compounding - Performance Additives
Sulfur		
Rubbers, Conditioned, and/or Oil Treated	<u>Untreated:</u> 104, 338(fine), 340(fine) <u>Oil Treated:</u> 209, 167 <u>Conditioned:</u> 296(fine-oil & mag carbonate), 793(fine-mag carbonate)	Harwick Standard
Insoluble Sulfur	Vulcanizing Agent IS-HS-7020, IS-HD-7020	Harwick Standard
UV Light Stabilizers		
Benzophenones	Stan-Light 531	Harwick Standard
Benzotriazoles	Stan-Light P, 326, 327, 328, 329	Harwick Standard
HALS (Hindered amine light stabilizer)	Stan-Light 123, 770	Harwick Standard
Vulcanized Oils		
Vulcanized Oils	VVO®: Brown, White, Neophax	Hexpol Compounding - Performance Additives
Zinc Oxide		
Treated and Untreated Zinc Oxide	<u>Untreated - Low Surface Area:</u> Stan-Zinc®: 10, 20, 40, 50, 60 <u>Untreated - High Surface Area:</u> Stan-Zinc 30 <u>Treated - Low Surface Area:</u> Stan-Zinc: 15, 25, 45 <u>Treated - High Surface Area:</u> Stan-Zinc 35 <u>USP - Low Surface Area:</u> Stan-Zinc USP	Harwick Standard Harwick Standard Harwick Standard Harwick Standard Harwick Standard