



General Products Listing

web: www.harwickstandard.com

phone: 330-798-9300

Product Type	Product Trade Name	Producer/Supplier
Accelerators		
Dithiocarbamates	Accelerator: ZBEC, ZDBC, ZDEC, ZDMC Ekaland™: NDBC	Harwick Standard 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
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 Ekaland: DPTT, TBzTD, TMTM	Harwick Standard 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 Wingstay®: L, S, T	Harwick Standard Eliokem, Inc.
Amino Phenol	Ethanox® 4703	Albemarle Corporation
Diphenylamines	Stangard ODP Wingstay 29	Harwick Standard Eliokem, Inc.
Mercaptobenzimidazole	Ekaland MMBI	MLPC International
Paraphenylenediamines	Stangard: 6PPD, DTPD, IPPD	Harwick Standard
Phenolics	Ethanox: 310, 376, 4702	Albemarle Corporation
Phosphite	Ethaphos® 368	Albemarle Corporation
PVC Stabilizers	Micro-Chek® (Biocides): 11-DIDP, 11-IPA, 11-P Therm-Chek® (Mixed Metal Heat Stabilizer): Barium/Zinc Based; Calcium/Zinc Based UV-Chek® (Ultra-Violet): AM-300, AM-340	Ferro Corporation Ferro Corporation Ferro Corporation
Quinolines	Stangard: TMQ, TMQ-E, TMQ Powder	Harwick Standard
Specialty Type	Stangard 500	Harwick Standard

Product Type	Product Trade Name	Producer/Supplier
Antioxidants/Antiozonants (continued)		
<u>UV Stabilizers</u>		
<i>Benzophenones</i>	Stan-Light 531	Harwick Standard
<i>Benzotriazoles</i>	Stan-Light P, 326, 327, 328, 329	Harwick Standard
<i>HALS (Hindered amine light stabilizer)</i>	Stan-Light 123, 770	Harwick Standard
Anti-Scorch Agent		
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)	Hexion Specialty Chemicals
Casein		
Caseins	Casein: 11, 12, 13	Harwick Standard
Co-Curing Agents		
Peroxide Cures	<u>Acrylates:</u> Natro-Cel® 519-A, Saret 521 DLC®-A	Natrochem, Inc.
	<u>Allylics:</u> TAC DLC-A, TAIC DLC-A	Natrochem, Inc.
	<u>Dimethacrylates:</u> SR-206 DLC-A	Natrochem, Inc.
	<u>Methacrylates:</u> Natro-Cel: 35-A	Natrochem, Inc.
	Saret: 500, 515 DLC-A, 517 DLC-A, 517 DLC-A-75	
	<u>Trimellitates:</u> Natro-Cel TATM-A	Natrochem, Inc.
Coupling Agents		
Liquid Organo Silanes	<u>Aminos:</u> Silquest®: A-1100, A-1120	Momentive Performance Materials
	<u>Epoxy:</u> Silquest A-187	Momentive Performance Materials
	<u>Mercaptos:</u> Silquest: A-189, A-1891; e-free 189™ Silane	Momentive Performance Materials
	<u>Methacryl:</u> Silquest A-174NT	Momentive Performance Materials
	<u>Vinyls:</u> Silquest: A-151NT, A-171, A-172NT, G-170, RC-1	Momentive Performance Materials
	<u>Special:</u> NXT® Silane	Momentive Performance Materials
Dry Liquid Concentrates	<u>Aminos:</u> A-1100 DLC, A-1120 DLC	Natrochem, Inc.
	<u>Epoxy:</u> A-187 DLC	Natrochem, Inc.
	<u>Methacryl:</u> A-174 DLC	Natrochem, Inc.
	<u>Vinyls:</u> A-172 DLC, Sil 400 DLC	Natrochem, Inc.
	<u>Specials:</u> Sil NX DLC (Modified Mercapto); Sil EF 189 DLC (Ethanol Free A-189)	Natrochem, Inc.
Dry Silane Concentrates	<u>Mercaptos:</u> DSC: 18,18N	Excel Polymers, LLC Performance Additives Group
	<u>Polysulfides:</u> DSC: 2S, 4S	Excel Polymers, LLC Performance Additives Group
	<u>Vinyl:</u> DSC 74	Excel Polymers, LLC Performance Additives Group
Dry Liquid Concentrates		
Hard-to Handle Liquids in Free-Flowing Powder Form	Calight RPO DLC-A, CI-10 DLC-A, CI-25 DLC-A, CI-50-DLC-A, DOP DLC-A, Natro-Cel 100N-A, Natro-Cel 1312-A, Natro-Cel PE-A Petrolatum DLC-A, Petrolatum T DLC-A, Sunpar 2280 DLC-A, Tar-Cel®: 14, 20, 30, TEA DLC-A	Natrochem, Inc.



General Products Listing

web: www.harwickstandard.com

phone: 330-798-9300

Product Type	Product Trade Name	Producer/Supplier
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	
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, SR 730 <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	Active Minerals Int'l LLC
Clays - Soft	GK 990, 995, 997	M & M Clay
Clays - Hard (Kaolin)	<u>Calcined:</u> GK-IB, GK-IC, GK-300, GK-500 <u>Water-Washed:</u> GK-100, GK-170, GK-400 <u>Surface-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 <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>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 and CPW 100-HS Waxes	Dover Chemical Dover Chemical Harwick Standard
Fire-Resistant Hydraulic Fluid	Fyrquel® 220	ICL Supresta

Product Type	Product Trade Name	Producer/Supplier
Fire Retardants (continued)		
Magnesium Hydroxide	Magnesium Hydroxide	Harwick Standard
Pentaerythritol	PE-200	Ashland Hercules Water Technologies
Phosphate Ester Plasticizers	<u>Aryls</u> : Lindol® TCP, Phosflex®: 41L, 71B <u>Alkylated Aryls</u> : Phoflex: 362, 370, 390 <u>Alkyl</u> : Phosflex T-BEP	ICL Supresta ICL Supresta ICL Supresta
Zinc Borates	Firebrake®: ZB, ZB Fine, ZB-XF, 415, 500	Rio Tinto Minerals
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* <u>Emulsifiable Grades</u> : Epolene: E-10, E-14*, E-14P*, E-16, E-20* E-43, E-43P * = chemically modified P = Powder <u>Non-Emulsifiable Grades</u> : Epolene: N-10, N-10P, N-11, N-14, N-14P, N-15, N-15, N-21, N-21P, N-34, N-34P P = Powder	Westlake Longview Corporation Westlake Longview Corporation Westlake Longview Corporation
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), SM2140, SM-2140NPF (Nony Phenol Free) SM-2162, SM-2163, SM 2163 NPF <u>Specialties</u> : SM-2059, SM-2068A	Momentive Performance Materials Momentive Performance Materials
Silicone Fluids	<u>Std. Dimethyls</u> : SF 96 (5-1000) Phenyl: SF-1154 <u>Specialties</u> : SF 69, SF 18-350 (FDA), SF-1023 (Silanol) <u>Phenyl</u> : SF-1154 <u>Alkyl</u> : SF-1147	Momentive Performance Materials Momentive Performance Materials Momentive Performance Materials
Tire Lubricants	Lubrex® BTC 15 Silicone Emulsion 350	Excel Polymers, LLC Performance Additives Group Harwick Standard
Magnesium Oxides		
	<u>Medium Surface Area Bar</u> : Stan-Mag Bars	Excel Polymers, LLC Performance Additives Group
	<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	



General Products Listing

web: www.harwickstandard.com

phone: 330-798-9300

Product Type	Product Trade Name	Producer/Supplier
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> Potassium, Sodium Stearates	Ferro Corporation 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	Environmental Fluids USA, LLC
Peroxides		
Vulcanizers and Catalysts	<u>Diacyl</u> : Luperox® A-98, ANS55	Arkema, Inc.
	<u>Diacyl</u> : Noviper® DB50	Novichem
	<u>Dialkyls</u> : Di-Cup®: R, 40C, 40KE, DC40P-SP2; Vul-Cup®: R, 40 KE, 40SI;	Arkema, Inc. Arkema, Inc.
	Luperox: 101, 101XL-45, 130, EZD-SP2, F40P-SP2, HP101XLP	Arkema, Inc.
	<u>Peroxyester</u> : Luperox P	Arkema, Inc.
	<u>Peroxyketal</u> : Luperox: 230XL-40, 230XL-40SP 231, 231XL40, 231XL40-SP	Arkema, Inc.
Pigments		
Dry Pigments	Stan-Tone™ :D and DC	Excel Polymers, LLC Performance Additives Group
	<u>Anatase and Rutile</u> : Tipaque® Titanium Dioxide <i>(Limited Regions Only)</i>	Ishihara Corp (USA)
	<u>Anatase</u> : Stan-Pig A-1	Harwick Standard
Polymeric Pigment Dispersions	Stan-Tone EP, MB, MC	Excel Polymers, LLC Performance Additives Group

Product Type	Product Trade Name	Producer/Supplier
--------------	--------------------	-------------------

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 Merrol 4226 (DBEEA) Natro-Flex® BCA	Harwick Standard Harwick Standard Natrochem, Inc.
Polymeric	Admex®: 334F, 523, 760, 761, 6187	Genovique Specialties
Polymeric Polyester Adipates	Polycizer P-6400; Merrol P6320, P6420	Harwick Standard Harwick Standard
Pentaerythritol Esters	Hercoflex® 600	Ashland Hercules Water Tech
Oleates	Polycizer Butyl Oleate	Harwick Standard
Tallates	Natro-Flex IOT Merrol 818T	Natrochem, Inc. Harwick Standard
Epoxides	Polycizer ESO; Merrol E-68	Harwick Standard
Trimellitates	Polycizer: TOTM, TOTM-E, TINTM; Merrol 810TM-E	Harwick Standard
Pine Tar Derivatives	Tarene™: 14, 20, 30, 40	Natrochem, Inc.
Specialties	Polycizer MO Plasticizer OLN, SC-E, SC-B Merrol DOZ-E, 3810	Harwick Standard Harwick Standard Harwick Standard
Benzoates	Benzoflex® 9-88	Genovique Specialties
Phosphate Esters	Lindol® Phosflex® 41L, 321, 362, 390, T-BEP	ICL Supresta ICL Supresta

Polymers/Elastomers

EPDM

Non-Oil Extended	<u>Copolymers</u> : Keltan®: 3200A, 740	DSM Elastomers
	<u>Very Fast Curing</u> : Keltan: 512, 5508, 27, 520, 720Z, 312, 378Z, 578Z	DSM Elastomers
	<u>Ultra Fast Curing</u> : Keltan: 2340A, 4703, 8340A, 8642A, 314, 4903	DSM Elastomers
	<u>Very Low Mooney</u> : Keltan 1200-A	DSM Elastomers
Oil-Extended	Keltan: 4331A, 4551A, 5531A, 6251A, 6531A, 7341A	DSM Elastomers
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, 1608, 1609, 1805, 1815, 1847, 1848, 3651	Lion Copolymer



General Products Listing

web: www.harwickstandard.com

phone: 330-798-9300

Product Type	Product Trade Name	Producer/Supplier
Polymers/Elastomers (continued)		
<i>NBR (Nitrile)</i>		
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, NBR 6830G, 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
NBR Powder	<u>High ACN (39%):</u> N-386B	Nitriflex
	<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) <u>High ACN (39%):</u> NP-2150 (CaCO ₃)	Nitriflex Nitriflex
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 & Elastomers
Thermoplastic Grades	Tyrin: 2500E, 3611E, 4211E, 6000, 7100	Dow Specialty Plastics & Elastomers
<i>NR (Natural Rubber)</i>		
Natural Rubber	<u>Visually Graded Rubber Sheet:</u> 1RSS, 3RSS	Harwick Standard
	<u>Technically Specified:</u> SIR & SMR: CV50, 60, GP, L, 5, 10, 20	Harwick Standard

Product Type	Product Trade Name	Producer/Supplier
Rubber Chemical Dispersions		
Oil-Based	Mastermix: Bar, PD Poly Bound® Line, FKM Masterbatches	Excel Polymers, LLC
Oil-Treated Powders	Redimix Line	Excel Polymers, LLC
Polymeric Bound	Mixland®+	MLPC International
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: 6006, 6056	Harwick Standard
White Oils (Food Grade)	Duoprime® 350	Calumet/Penreco
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	Eliokem, Inc. Inc.
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
Vulcanized Oils		
Vulcanized Oils	VVO®: Brown, White, Neophax	Excel Polymers, LLC Performance Additives Group
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