

| PRODUCT NAME | ACTIVE INGREDIENT | FUNCTIONALITY |
|---------------------------------|--|---|
| A-172 DLC® | vinyl-tris(2-methoxyethoxy) silane | vinyl functional; promotes adhesion to inorganic substrates |
| A-174 DLC | methacryloxypropyltrimethoxy silane | use in peroxide, sulfur & metal oxide cure systems |
| A-187 DLC | glycidoxypropyltrimethoxy silane | use in peroxide, sulfur & metal oxide cure systems |
| A-1100 DLC | aminopropyltriethoxy silane | superior bonds between inorganic substrates and organic polymers |
| A-1120 DLC | Amino silane | promotes adhesion of reactive resins to inorganic fillers |
| B-3000 DLC-A-70 | 1,2-polybutadiene | resin reforming agent for EPDM & electro-deposit coatings |
| BBP DLC-A | butyl benzyl phthalate | highly solvating general purpose ester plasticizer |
| Butyl Oleate DLC-A | butyl oleate | low-temp plasticizer, softener |
| Butyl Tuads DLC-A | tetrabutylthiuram disulfide | sulfur donor & secondary accelerator for soluble cure systems |
| Calight [®] RPO DLC-A | Calight 100 sec naphthenic process oil | plasticizer/process aid with exceptionally fast incorporation |
| CI-9 DLC-A | coumarone indene tackifier | tackifier & processing aid in rubber, adhesives, paints & coatings |
| CI-10 DLC-A | coumarone indene tackifier | tackifier & processing aid in rubber, adhesives, paints & coatings |
| CI-25 DLC-A | coumarone indene tackifier | tackifier & processing aid in rubber, adhesives, paints & coatings |
| CI-50 DLC-A | coumarone indene tackifier | tackifier & processing aid in rubber, adhesives, paints & coatings |
| DAP DLC-A | diallyl phthalate | plasticizer; electrical and electronic applications in long-term, adverse environmental conditions |
| DBP DLC-A | dibutyl phthalate | plasticizer; fast incorporation; high solvation; moderate permanence; plasticity |
| DBS DLC-A | dibutyl sebacate | plasticizer; improves processing; low-temp flexibility |
| DEA DLC-A | diethanolamine | activator for CR, NBR & SBR, neutralizes clay acidity |
| DEG DLC-A | diethylene glycol | used to adjust cure of processing |
| DER 331 DLC-A | DER 331 epoxy resin | excellent mechanical, adhesive, electrical & chemical resistance properties |
| DIDP DLC-A | diisodecyl phthalate | low volatility plasticizer in PVC electrical compounds |
| DOA DLC-A | dioctyl adipate | low-temp flexibility; good electrical properties & weather resistance |
| DOP DLC-A | dioctyl phthalate | general purpose plasticizer, softener, good aging & electrical properties |
| DOS DLC-A | dioctyl sebacate | low-temp plasticizer for CR, NBR & various plastics |
| Epon [®] 828 DLC-A | Epon 828 epoxy resin | adhesive curing agent, tackifier |
| Flexricin [®] P4 DLC-A | Flexricin P4 - methyl acetyl ricinoleate | plasticizer, softener, processing aid |
| Flexricin P8 DLC-A | Flexricin P8 – glyceryl triacetyl ricinoleate | plasticizer & processing aid |
| Harflex [®] 330 DLC-A | Harflex 330 - polyester | permanent flexible plasticizer |
| Indopol [®] H-300-A | Indopol H-300 - polybutene | plasticizer/tackifier; also for pressure-sensitive & hot- melt adhesives; impact modifier for plastics |
| LP-2C DLC-A | organic liquid polysulfide | used in adhesives, sealants and coatings |
| LP-31 DLC-A | organic liquid polysulfide | excellent adhesion; outstanding resistance to harsh environmental conditions |



| PRODUCT NAME | ACTIVE INGREDIENT | FUNCTIONALIT |
|-------------------------------|---|--|
| LP-32C DLC-A | organic liquid polysulfide | excellent adhesion; outstanding resistance to weatherin oxidation, ozone & high & low temp conditions |
| Natro-Cel [®] 100N-A | naphthenic petroleum oil; Stan-Plas 100 or equivalent; (fka Flexon [®] 641) | plasticizer, used in many non-staining applications |
| Natro-Cel 100N-A-75 | naphthenic petroleum oil - 75% actives | plasticizer, used in many non-staining applications |
| Natro-Cel 1312-A | butadiene-acrylonitrile copolymer; Nipol 1312 or equivalent | plasticizer, process aid, softening agent, improves flow & knitting |
| Natro-Cel 150-A | Sunpar [®] 150 or equivalent paraffinic oil | plasticizer & extender oil |
| Natro-Cel 200-A-65 | mixed diaryl p-phenylene diamine | persistent long-term antiozonant for diene polymers. fka Wingstay 200 DLC-A-65 |
| Natro-Cel 35-A | trimethyl propane trimethacrylate; SR 350 or equivalent | vulcanizing co-agent for peroxide cure; plasticizer during mixing, hardens on cure |
| Natro-Cel 93P-A | naphthenic/tall oil blend | plasticizer and extender |
| Natro-Cel 97-A | aromatic hydrocarbon; Sundex [®] 790 or equivalent | plasticizer & extender; aids filler dispersion |
| Natro-Cel 508-A | acrylic crosslinking agent | coagent for peroxide curing; replacement for hexane diol diacrylate |
| Natro-Cel 519-A | acrylic crosslinking agent | coagent for peroxide curing |
| Natro-Cel 759-A | TEG monobutyl ether adipate; Merrol 4426/TP 759 or equivalent | optimum low-temp flexibility; excellent property retention after heat aging, no effect on cure |
| Natro-Cel 6102-A | rosin oil/gum rosin blend | tackifier & softener |
| Natro-Cel ACP-A | oxidized polyethylene wax | mixing, processing & dispersion aid & release agent |
| Natro-Cel AL | ammonium salts of alkyl phosphate; Darvan [®] L or equivalent (on ABS) | mold lubricant, inhibits corrosion, removes tack |
| Natro-Cel BCA-A | di-butoxyethoxyethyl adipate; DBEEA, TP-95 or equivalent | low-temp plasticizer, rapid incorporation, aids filler dispersion |
| Natro-Cel BCF-A | di-butoxyethoxyethyl formal; TP-90 or equivalent | low-temp plasticizer, rapid incorporation, aids filler dispersion |
| Natro-Cel C60-A | chlorinated isoparaffin | plasticizer, flame retardant additive |
| Natro-Cel C70-A | chlorinated isoparaffin | plasticizer & flame retardant additive |
| Natro-Cel IOT-A | aliphatic ester; Merrol [®] 818-T or equivalent | low-temp plasticizer |
| Natro-Cel PE-A | low molecular weight polyethylene; AC 1702 or equivalent | internal lubricant, processing aid |
| Natro-Cel R-A | sulfonated petroleum/mineral oil blend | plasticizer/process aid; used for open-roll mill mixing |
| Natro-Cel Tack 10-A | liquid aliphatic C5 hydrocarbon resin | used in pressure sensitive hot melts & sealants |
| Natro-Cel TATM-A | triallyl trimellitate | co-agent for peroxide cure, activator |
| PE-314 DLC-A | polyester plasticizer | good dimensional stability in heat, cold & solvents |
| Permapol P875 DLC-A | mercaptan terminated polythioether polymer | low temp curing for sealants, coatings and adhesives |
| Petrolatum DLC-A | USP grade petrolatum | plasticizer, lubricant |
| Petrolatum T DLC-A | technical grade petrolatum | plasticizer, lubricant |
| Plasticizer OLN DLC-A | oleyl nitrile | plasticizer/softener; good low-temp properties; reduce nerve & modulus |
| Plasticizer SC DLC-A | diester of triethylene glycol (Plasticizer SC-E) | plasticizer, gives low-temp flexibility, improves processing |
| Polyester G 25 DLC-A | polyester sebacate | non-extractable plasticizer; good UV stability & heat aging; low-temp flexibility |
| Polyester G 41 DLC-A | high molecular weight polyester | non-extractable plasticizer; aids filler dispersion; good UV stability; used in fuel hose & electrical tape |
| Polyester G 50 DLC-A | polyester adipate | general purpose polymeric plasticizer; low extraction; low migration; good heat resistance |
| Polygard HR DLC-A | tris phosphite | antiozonant; antiblock |
| Rapeseed Oil DLC-A | rapeseed oil | plasticizer/softener/extender, process aid |
| SF96-350 DLC-A | dimethyl polysiloxane silicone fluid | mold & internal lubricant for NR, SR & resins |
| SR 203 DLC-A | tetrahydrofurfuryl methacrylate | vulcanizing co-agent for peroxide cure |
| SR 206 DLC-A | ethylene dimethacrylate | vulcanizing co-agent for peroxide cure; plasticizer; hardener |

| PRODUCT NAME | ACTIVE INGREDIENT | FUNCTIONALITY |
|---------------------------------|---|--|
| SR 350W DLC-R-60 | TMPTMA 60% actives on Hi-Sil 233 | gives high crosslink density in peroxide cure systems |
| SR 351 DLC-A | ТМРТА | co-agent for peroxide cure systems |
| Saret [®] 500 DLC-A | TMPTMA with retarder | scorch-free, peroxide cure acrylic cross-linking agent |
| Saret 515 DLC-A | TMPTMA with retarder | scorch-free, peroxide cure acrylic cross-linking agent |
| Saret 517 DLC-A-75 | TMPTMA with retarder – 75% actives | scorch-free, peroxide cure acrylic cross-linking agent |
| Saret 518 DLC-A | Saret 518 coagent | low color, low staining, scorch-retarding aid |
| Saret 521 DLC-A | Saret 521 - difunctional acrylic esters | improves mechanical & performance properties |
| Stan-Mask 21600 DLC-A | blended aromatics - lemon | reodorant for NR, SR, latex & blown sponge adhesives |
| Silane NX DLC | S-(3-triethoxysilyl)propyl ester, thiocarboxilate silane | higher temp mixing without viscosity increase or premature vulcanization. |
| Silane NX-10 DLC | thiocarboxilate silane | organosilane for reduced emissions |
| Silane 400 DLC | organoalkoxy silane | improvement on vinyl silane |
| Stan-Mask 21622 DLC-A | blended aromatics - baby powder | reodorant for rubber stocks & blown sponge adhesives |
| Stan-Mask 21711 DLC-A | blended aromatics - cinnamon | reodorant for rubber stocks & blown sponge adhesives |
| Stan-Mask 25243 DLC-A | blended aromatics - vanilla | reodorant for rubber stocks & blown sponge adhesives |
| Sunpar [®] 2280 DLC-A | sunpar 2280 paraffinic process oil | paraffinic plasticizer & extender |
| TAC DLC-A | triallyl cyanurate | EPM accelerator, peroxide-cured EP polymer co-agent |
| TAIC DLC-A | triallyl isocyanurate | co-agent for peroxide vulcanization, enhances cure rate & state |
| TCP DLC-A | tricresyl phosphate | flame retardant plasticizer |
| TEA DLC-A | triethanolamine | NR, SBR activator, neutralizes clay acidity, incorporates rapidly |
| TEPA DLC-A | triethylenepentamine | crosslinking agent in polymer systems containing active hydrogens; monomer; additive |
| TP-95 DLC-A | di-butoxyethoxyethyl adipate | plasticizer, softener, |
| Tar-Cel [®] 14-A | blended extracts of pine tar | aids processing, gives good green tack; non-staining plasticizer, softener in rubber reclaim |
| Tar-Cel 20-A | blended extract of pine tar | plasticizer, tackifier, reduces mill-time over liquid pine tar |
| Tar-Cel 30-A | blended extract of pine tar | plasticizer, tackifier, reduces mill-time over liquid pine tar |
| Tar-Cel 40-A | blended extract of pine tar | plasticizer, tackifier, reduces mill-time over liquid pine tar |
| Trilene [®] 65 DLC-A | ethylene propylene terpolymer | non-extractable, non-migrating, reactive process aid for peroxide or sulfur cure |
| Trilene CP-80 DLC-A | ethylene-propylene copolymer | excellent process aid for EPDM, BR, NR, & SBR |
| Trimene [®] Base DLC-A | ethyl chloride, formaldehyde & ammonia reaction | high-temp accelerator with medium to long curing range |
| Vulkanol OT DLC-A | ether thioether | plasticizer; yields vulcanizates with good low-temp properties |
| Wingstay [®] 29 DLC-A | diphenylamine derivative | amine-type stabilizer/antioxidant; gives resistance to heat degradation |
| Wintergreen 1200-30 | methyl salicylate on clay - 30% actives | reodorant for rubber stocks, blown sponge & adhesives |
| Zeonet PB DLC-A | butyl phosphonium benzotriazolate | adhesion promoter for fluoropolymer systems |

SOLIDS

| PRODUCT NAME | CHEMICAL NAME | FUNCTIONALITY |
|-------------------------|--------------------------------|---|
| Atlas Burgundy Pitch | gum rosin/naphthenic oil blend | tackifier, plasticizer |
| Galex [®] G-75 | disproportionated rosin | tackifier, plasticizer; used in surgical & industrial tapes |
| Extra Hard Pitch | gum rosin | tackifier & softener for elastomers and coatings |

LIQUIDS

| PRODUCT NAME | CHEMICAL NAME | FUNCTIONALITY |
|------------------------------|--|--|
| 189 Retar | proprietary tall oil blend | plasticizer, softener |
| Natro-Flex [™] 6102 | proprietary rosin oil/gum rosin blend | tackifier & softener |
| Natro-Flex IOT | | |
| Natro-Rez [™] 10 | coumarone-indene tackifier | widely used in rubber, adhesives, paints & coatings |
| Natro-Rez 25 | coumarone-indene tackifier | widely used in rubber, adhesives, paints & coatings |
| Natro-Tar [™] 588 | pine tar | process aid; waterproofing medium; preservative & fiber lubricant |
| NP 335 | synthetic pine tar | naphthenic process oil for high rosin acid content for strength |
| Tarene [™] 14 | blended extracts of pine tar – Visc. 120-140 (SFS@ 122°F) | non-staining plasticizer/softener aids processing; gives good green tack |
| Tarene 20 | blended extracts of pine tar – Visc. 150 (SFS@, 122°F) | non-staining plasticizer/softener aids processing; gives good green tack |
| Tarene 30 | blended extracts of pine tar – Visc. 175 (SFS@ 122°F) | non-staining plasticizer/softener aids processing; gives good green tack |
| Tarene 40 | blended extracts of pine tar – Visc. 200 (SFS@ 122°F) | non-staining plasticizer/softener aids processing; gives good green tack |

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Featured Products

Dry Liquid Concentrates

Hard-to-Handle Liquids in free flowing powder form

PRODUCT NAME ACTIVE INGREDIENT

FUNCTIONALITY

| CI-10 DLC-A | coumarone indene tackifier | tackifier & processing aid in rubber, adhesives, paints & coatings |
|--------------------------------|--|--|
| CI-25 DLC-A | coumarone indene tackifier | tackifier & processing aid in rubber, adhesives, paints & coatings |
| CI-50 DLC-A | coumarone indene tackifier | tackifier & processing aid in rubber, adhesives, paints & coatings |
| Natro-Cel 1312-A | butadiene-acrylonitrile copolymer; Nipol 1312 or equivalent | plasticizer, process aid, softening agent, improves flow & knitting |
| Natro-Cel PE-A | low molecular weight polyethylene; AC 1702 or equivalent | internal lubricant, processing aid |
| Petrolatum DLC-A | USP grade petrolatum | plasticizer, lubricant |
| Petrolatum T DLC-A | technical grade petrolatum | plasticizer, lubricant |
| DOP DLC-A | dioctyl phthalate | general purpose plasticizer, softener, good aging & electrical properties |
| Calight [®] RPO DLC-A | Calight 100 sec naphthenic process oil | plasticizer/process aid with exceptionally fast incorporation |
| Natro-Cel [®] 100N-A | naphthenic petroleum oil; Stan-Plas 100 or equivalent; (fka Flexon [®] 641) | plasticizer, used in many non-staining applications |
| TEA DLC-A | triethanolamine | NR, SBR activator, neutralizes clay acidity, incorporates rapidly |
| Tar-Cel [®] 14-A | blended extracts of pine tar | aids processing, gives good green tack; non-staining plasticizer, softener in rubber reclaim |
| Tar-Cel 20-A | blended extract of pine tar | plasticizer, tackifier, reduces mill-time over liquid pine tar |
| Tar-Cel 30-A | blended extract of pine tar | plasticizer, tackifier, reduces mill-time over liquid pine tar |
| Tar-Cel 40-A | blended extract of pine tar | plasticizer, tackifier, reduces mill-time over liquid pine tar |

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Coupling Agents

Vinyl, Amino, Methacryl, and Mercapto

| PRODUCT NAME | ACTIVE INGREDIENT | FUNCTIONALITY |
|------------------------|------------------------------|---------------------------------------|
| | | |
| A-172 DLC [®] | vinyl-tris(2-methoxyethoxy) | vinyl functional; promotes adhesion |
| | silane | to inorganic substrates |
| A-174 DLC [®] | methacryloxypropyltrimethoxy | use in peroxide, sulfur & metal oxide |
| | silane | cure systems |
| A-1100 DLC | aminopropyltriethoxy silane | amino silane coupling agent |
| | Thissarboyulata silana | coupling agent for highly-filled |
| SILANE NX DLC | Thiocarboxylate silane | compounds |

Co-Curing Agents (for Peroxide Cures)

Allylic, Methacrylates

PRODUCT NAME ACTIVE INGREDIENT FUNCTIONALITY

| Natro-Cel [®] 35-A | trimethyl propane trimethacrylate; SR 350 or equivalent | vulcanizing co-agent for peroxide cure; plasticizer during mixing, hardens on cure |
|---------------------------------|---|---|
| Natro-Cel [®] TATM-A | triallyl trimellitate | co-agent for peroxide cure, activator |
| SR 206 DLC [®] -A | ethylene dimethacrylate | vulcanizing co-agent for peroxide cure; plasticizer; hardener |
| TAC DLC [®] -A | triallyl cyanurate | EPM accelerator, peroxide-cured EP polymer co-agent |
| TAIC DLC [®] -A | triallyl isocyanurate | co-agent for peroxide vulcanization, enhances cure rate & state |
| Saret [®] 500 DLC-A | TMPTMA with retarder | scorch-free, peroxide cure acrylic cross- linking agent |
| Saret [®] 515 DLC-A | TMPTMA with retarder | scorch-free, peroxide cure acrylic cross- linking agent |
| Saret [®] 517 DLC-A-75 | TMPTMA with retarder – 75% actives | scorch-free, peroxide cure acrylic cross- linking agent |

Plasticizers

PRODUCT NAME

Pine Tar Derivatives

FUNCTIONALITY

| Tarene [™] 14 | blended extracts of pine tar - | non-staining plasticizer/softener aids |
|------------------------|--------------------------------|--|
| | Visc. 120-140 (SFS@ 122°F) | processing; gives good green tack |
| Tarene 20 | blended extracts of pine tar - | non-staining plasticizer/softener aids |
| | Visc. 150 (SFS@ 122°F) | processing; gives good green tack |
| Tarene 30 | blended extracts of pine tar - | non-staining plasticizer/softener aids |
| | Visc. 175 (SFS@ 122°F) | processing; gives good green tack |
| Tarene 40 | blended extracts of pine tar - | non-staining plasticizer/softener aids |
| | Visc. 200 (SFS@ 122°F) | processing; gives good green tack |

ACTIVE INGREDIENT