



Rubber Chemicals

Competitive

Cross Reference

Acetales
Aldehyde Amines
Amines
Benzimidazoles
Dithiocarbamates
Guanidines
Masterbatches
Peptizers
Peroxides

Phenolics
Phenylene Diamines
Quinolines
Retarders
Specialties
Sulfenamides
Thiazoles
Thioureas
Thiurams

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CHEMICAL	AKROSPERSE (SLAB) AKROCHEX (CUBE) AKROFORM (PELLET) MASTERBATCH	AKROCHEM	BAYER	FLEXSYS/ HARWICK	UNIROYAL	VANDERBILT
PHENOLICS						
2,6-Di-t-butyl-p-cresol		Antioxidant BHT	Vulkanox KB		Naugard BHT	Vanlube PCX
Butylated reaction product of p-cresol and dicyclopentadiene		Antioxidant 12			Wingstay L HLS (GOODYEAR)	Vanox L
Styrenated Phenol		Antioxidant 16	Vulkanox SP		Naugard SP	Wingstay S (GOODYEAR)
Hindered Phenolic		Antioxidant 32				Vanox 102
Hindered Phenolic		Antioxidant 33				
Hindered Phenolic		Antioxidant 43				
2,2'methylene-bis (4-methyl 6 tertiary butyl phenol)		Antioxidant 235	Vulkanox BKF	Stangard PC	2246 (Cytec)	CA05 (PMC)
2,5-di-tert-amyl hydroquinone		Antioxidant 250-SVA		Santovar TAHQ Santovar A (obs.)		
4-4'-thiobis (6-tert-butyl-m-cresol)		Antioxidant 358-SWC		Santonox TBMC Santowhite Crystals (obs.)		
4-4'-butyldenebis (6-tert-butyl-m-cresol)		Antioxidant 383-SWP		Santowhite BBMC Santowhite Powder (obs.)		Vanox SWP
Hindered Phenolic		Antioxidant 1010			Naugard 10	Irganox 1010 (CIBA)
Hindred Phenolic		Antioxidant 1024				Irganox 1024 (CIBA)
Hindered Phenolic		Antioxidant 1076			Naugard 76	Irganox 1076 (CIBA)
BENZIMIDAZOLES						
Zn Salt 2-Mercapto 4 (5)-Methylbenzimidazole	A.O.58-75/EPR	Antioxidant 58	Vulkanox ZMB-2			Vanox ZMTI
4/5 Methyl Mercapto Benzimidazole	A.O.60-75/EPR	Antioxidant 60	Vulkanox MB-2			Vanox MTI
QUINOLINES						
2,2,4-Trimethyl-1,2-Hydroquinoline		Antioxidant DQ	Vulkanox HS	Flectol TMQ	Naugard Q	Agerite TMQ/ Agerite Resin D
2,2,4-Trimethyl-1,2-Hydroquinoline		Antioxidant DQ-H				Agerite Resin MA
AMINES						
Phenyl-A-Naphthylamine		Antioxidant PANA	Additin 30		Naugard PANA	
Octylated Diphenylamine		Antioxidant S	Vulkanox OCD	Stangard ODP	Octamine	Stalite S
PHENYLENE DIAMINES						
N-Isopropyl- N'-Phenyl- P-Phenylene Diamine		Antiozonant PD-1	Vulkanox 4010	Santoflex IPPD	Flexzone 3C	Vanox 3C
N-(1,3-Dimethyl Butyl)-N'-Phenyl- P-Phenylene Diamine		Antiozonant PD-2	Vulkanox 4020	Santoflex 6PPD	Flexzone 7L	Wingstay 300 (GOODYEAR)
Mixed Diaryl-P- Phenylene Diamine		Antiozonant MPD-100	Vulkanox 3100		Novazone AS	Antozite 67 Wingstay 100 (GOODYEAR)
ACETALES						
Bis (1,2,3,6-Tetrahydro-benaldenhyde)- Pentaerythityl Acetale		Antiozonant 70TBPA	Vulkazon AFS			
OZONE INHIBITOR						
Nickel Dibutyl Dithiocarbamate	NiBud PM-70	NiBud		Perkacit NDBC	Naugard NBC	Vanox NBC
PEPTIZERS						
2,2'-Dibenzoamido Diphenyldisulfide	Peptizer 66-80/EPR	Peptizer 66	Renacit 11		Pepton 44 powder Pepton 66 pellets (SWAN)	
Aryl Amine Hydrocarbon		Peptizer 9344				
Alkyl Sulfide Hydrocarbon		Peptizer 9349				
RETARDERS						
Modified Phthalic Anhydride		Retarder AK			Retarder PD (obs.) (CYANAMID)	
Phthalic Anhydride	PX-75/EPR	Retarder PX	Vulkalent B		Retarder ESEN	
Salicyclic Acid		Retarder SAX			Retarder W (obs.) (DuPont)	
Benzoid Acid		Retarder BA/BAX	Benzoic Acid K			
Aromatic Sulfonamide		Retarder SAFE	Vulkalent E			
4,5 Methylbenzotriazole		Retrocure G	Vulkalent TM			
N-(cyclohexylthio)phthalimide	CTP-75/EPR	Retarder CTP	Vulkalent G	Santogard PVI		Vantard

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(obs.) – obsolete

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ALDEHYDE AMINES						
Aldehyde Amine		Accelerator 40B	Vulkacit 576	Accelerator 832	Beutene	Vanax 808
DITHiocarbAMATES						
Zinc Dibutyl Dithiocarbamate	BZ-75/EPR	Accelerator BZX	Vulkacit LDB	Perkacit ZDBC	Butazate	Butyl Zimate
Zinc Diethyl Dithiocarbamate	EZ-75/EPR	Accelerator EZ	Vulkacit LDA	Perkacit ZDEC	Ethazate	Ethyl Zimate
Zinc Dimethyl Dithiocarbamate	MZ-75/EPR MZ-70/EPR	Accelerator MZX	Vulkacit L	Perkacit ZDMC	Methazate	Methyl Zimate
N, N Dimethyl Cyclohexyl Ammonium Dibutyl Dithiocarbamate		Accelerator CZ-1		RZ-100 (obs.)		
Bismuth Dimethyl Dithiocarbamate	BiDD PM-75	Bismet				Bismate
Copper Dimethyl Dithiocarbamate	CuDD PM-75	CuDD				Methyl Cumate
Zinc Dibenzyl Dithiocarbamate	ZBED-75/EPR	ZBED	Vulkacit ZBEC	Perkacit ZBEC	Arazate	Benzyl Zimate
Zinc Pentamethylene Dithiocarbamate		ZPD				
Tellurium Diethyl Dithiocarbamate	TDEC-80/EPR	TDEC		Perkacit TDEC		Tellurac
Zinc Dibutyl Dithio/ Dibutyl Amine Complex		ZDBCX				
GUANIDINES						
Diphenyl Guanidine	DPG-80/EPR	DPG	Vulkacit D	Perkacit DPG		DPG
N,N' Di-O-Tolylguanidine	DOTG-75/EPR	DOTG				DOTG
SULFENAMIDES						
Benzothiazyl 1,2-Dicyclohexyl Sulfenamide		DCBS	Vulkacit DZ	Santocure DCBS		
N-Cyclohexyl Benzothiazole Sulfenamide	CBS-75/EPR	CBTS	Vulkacit CZ	Santocure CBS	Delac S	Durax
N-t-Butyl-2 Benzothiazole Sulfenamide	TBBS-75/EPR	BBTS	Vulkacit NZ	Santocure TBBS	Delac NS	Vanax NS
Thiocarbamyl Sulfenamide	OTOS-75/EPR	Cure-Rite 18				Cure-Rite 18
N-Oxydiethylene Benzothiazole Sulfenamide	MBS PM-75	OBTS	Vulkacit MOZ	Santocure MBS	Delac MOR	Amax
90% N-Oxydiethylene Benzothiazole Sulfenamide/10% MBTS		OMTS	Vulkacit MOZ-90 (obs.)	Santocure MOR-90 (obs.)		Amax #1 (obs.)
THIAZOLES						
2-Mercaptobenzothiazole	MBT-75/EPR MBT-75/NBR	MBT	Vulkacit Merkapto	Perkacit MBT	Naugex MBT	Captax
Benzothiazyl Disulfide	MBTS-75/EPR MBTS-75/NBR	MBTS	Vulkacit DM	Perkacit MBTS	Naugex MBTS	Altax
Zinc Mercaptobenzothiazole	ZMBT-75/EPR	ZMBT	Vulkacit ZM	Perkacit ZMBT	OXAF	Zetax
THIOUREAS						
N,N'Diethyl Thiourea	DETU PM-75	DETU				Thiate H
Ethylene Thiourea	ETU-22 PM-75		END-75 Rhenogran ETU-75			
N,N'Diphenylthiourea (Thiocarbanilide)	Thio #1-75/EPR	Accelerator Thio #1	Stabilizer C/ Rhenocure CA	A-1 Thiocarb'de/ Thiocarbanilide		
THIURAMS						
Dipentamethylene Thiuram Tetra/Hexasulfide	DPTT-70/EPR DPTT PM-70	DPTT	Tetrone A (DUPONT)	Perkacit DPTT		Sulfads
Tetraethyl Thiuram Disulfide	TETD-70/SBR TETD PM-75	TETD		Perkacit TETD	Ethyl Tuex	Ethyl Tuads
Tetramethyl/Ethyl Thiuram Disulfide		TM/ETD				Methyl/Ethyl Tuads
Tetramethyl Thiuram Disulfide	TMTD-70/EPR TMTD PM-75	TMTD	Vulkacit Thiuram	Perkacit TMTD	Tuex	Methyl Tuads
Tetramethyl Thiuram Monosulfide	TMTM 75/EPR TMTM PM-75	TMTM	Vulkacit Thiuram MS	Perkacit TMTM	Monex	Unads
Tetrabenzyl Thiuram Disulfide		TBzTD		Perkacit TBzTD	Benzyl Tuex	Benzyl Tuads
Tetrasobutyl Thiuram Disulfide		Cure-Rite IBT				Isobutyl Tuads
Tetrasobutyl Thiuram Monosulfide		Cure-Rite IBM				
SPECIALTIES						
4,4'Dithiodimorpholine	DTDM PM-75	Accelerator R	Rhenocure M	Sulfasan DTDM	Naugex SD-1	Vanax A
Xanthogen Polysulfide	AS-100 PM-40	AS-100				
Mixture of ultra accelerators	Delta PM					
Zinc Dibutyl Phosphorodithioate	VS-50/EPR	Accelerator VS	Rhenocure TP	Vocal ZBPD	Royalac 136A	
Zinc Iso-propylxanthate		ZIX				Propylzithate
PEROXIDES	MASTERBATCH FORM	AKROCHEM/AKZO NOBEL	ELF ATOCHEM	HERCULES	VANDERBILT	
Dicumyl Peroxide	Akroform DC-40/EPR/P	Perkadox BC/BC-FF	Luperox DC/SC	DiCup R		Varox DCP-R
Dicumyl Peroxide		Perkadox BC-40B-pd/gr-dd	Luperox DC-40P	DiCup 40C		Varox DCP-40C
Dicumyl Peroxide		Perkadox BC-40K-pd	Luperox DC-40KEP	DiCup 40KE		Varox DCP-40KE
Dicumyl Peroxide		Perkadox BC-40S-ps				
T-Butylperoxy-Diisopropyl Benzene	Akroform VC-40/EPR/P	Perkadox 14-SFL	Luperox F/R	VulCup R		Varox VC-R
T-Butylperoxy-Diisopropyl Benzene		Perkadox 14-40B-pd/gr-dd	Luperox F-40P	VulCup 40C		
T-Butylperoxy-Diisopropyl Benzene		Perkadox 14-40K-pd	Luperox F-40KEP	VulCup 40KE		Varox 802-40KE
Di(2,4-Dichloro benzoyl) Peroxide		AKROCHEM/AZTEC/LAPORTE	ELF ATOCHEM	AKZO NOBEL	VANDERBILT	
Dibenzoil Peroxide		DCLBP-50-psi	Luperox CST	Perkadox PD-50S-ps-a	STI-T (DOW)	
t-Butylperoxy Benzoate		BP-50-FT	Luperox ACP35	Perkadox S-50S-ps	Varox ANS	
1,1-di(t-butylperoxy)-3,3,5-trimethyl-cyclohexane	Akroform TMCH-40/EPR/P	TBPB-50-IC	Luperox P	Trigonox C-40B-pd	Varox TBPB	
2,5-Dimethyl-2,5-Di(t-butylperoxy) Hexane		TMCH-40-IC	Luperox 231XL	Trigonox 29-40B-pd	Varox 231 XL	
2,5-Dimethyl-2,5-Di(t-butylperoxy) Hexane		DHBP (f.k.a. 2,5 Di)	Luperox 101	Trigonox 101	Varox DBPH	
2,5-Dimethyl-2,5-Di(t-butylperoxy) Hexane		DHBP-50C	Luperox 101XL	Trigonox 101-45B-pd	Varox DBPH-50	
2,5-Dimethyl-2,5-Di(t-butylperoxy) Hexyne-3		DYBP (f.k.a. 2,5 Tri)	Luperox 130	Trigonox 145-E85	Varox 130 (obs.) - obsolete	

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