

# PAINT & CONSTRUCTION CHEMICALS PRODUCT CATALOG



- ▲ #EPOXYRESIN #CURINGAGENT #DETA #TETA #AGE #BENZYLALCOHOL
- ▲ #ISOCYANATE #MDI #TDI #POLYOL #PUD #TPU #CPU
- ▲ #TiO2 #COALESCINGAGENT #CALGON
- ▲ #HPMC #RDP #STARCHETHER

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## PAINT & CONSTRUCTION CHEMICALS PRODUCT CATALOG





PRODUCT NAME	CONTENT / CHARACTERISTICS	VISCOSITY 25°C	EPOXY INDEX	EPOXY EQUIVALENT	COLOR
SM 828	BPA	11500-15000	5.20-5.49	184-194	≤ 2
ARALDITE GY 783	BPA/F	800 - 1 100	5.10 - 5.40	185 - 196	≤ 2
CHS 210 X 75	Solid BPA in xylene	5 500 - 7 500	1.60 - 1.80	555 - 625	≤ 2
ARALDITE GZ 7488 N50	High MWt. BPA in solution	2 000 - 5 000	≤ 0.08	≥ 12 500	≤ 4
ARALDITE GZ 7488 V40	High MWt. BPA in solution	3 000 - 6 000	≤ 0.06	≥ 17 000	≤ 4
ARALDITE GZ 280 X 80	Semi-solid BPA in xylene	650 - 900	3.10 - 3.40	290 - 323	≤ 3
ARALDITE GZ 20500 X 90	Semi-solid BPA in xylene	3 000 - 8 000	3.60 - 4.30	232 - 278	≤ 3
ARALDITE GZ 290 X 90	Semi-solid BPA in xylene	1 300 - 3 700	3.30 - 3.70	270 - 305	≤ 6
ARALDITE PY 33757	Water-based epoxy resin	5 000 - 8 000	5.50 - 5.80	172 - 182	≤ 3
ARALDITE PZ 323	Emulsifiable, crystallization-resistant epoxy resin	TIKSOTROPIC	4.00 - 4.50	222 - 250	WHITE
ARALDITE PZ 756-1/67	Aqueous dispersion of polyfunctional EPN resin	80 - 400	3.38- 3.70	270 - 295	WHITE
ARALDITE PZ 33757/67	Emulsified, crystallization-resistant epoxy resin	50 - 400	3.65- 3.90	256 - 274	WHITE
ARALDITE PZ 3961-1	Emulsified, crystallization-resistant epoxy resin	500 - 1 500 (@23°C)	1.96 - 2.22 1	450 - 510 1	WHITE
ARALDITE ECN 1400	Aqueous dispersion of BPA type 1 resin	900 - 1 500	4.10 - 4.61 1	217 - 244 1	WHITE
ARALDITE GY 281	BPF	5 000 - 7 000	5.80 - 6.30	158 - 172	≤ 4
ARALDITE GY 282	BPF	3 300 - 4 100	5.80 - 6.10	164 - 172	≤ 2
ARALDITE GY 285	BPF	2 000 - 3 000	5.80 - 6.10	164 - 172	≤ 5
ARALDITE PY 302-2	BPA/F, non-crystallizing	6 500 - 8 000	5.65 - 5.90	169 - 177	≤ 3
ARALDITE PY 304	BPA/F	6 500 - 8 000	5.50 - 5.80	172 - 182	≤ 3
ARALDITE PY 306	BPF	1 200 - 1 600	6.00 - 6.40	156 - 167	≤ 1
ARALDITE PY 720	BPA/F	7 000 - 9 400	5.30 - 5.60	179 - 189	≤ 2
ARALDITE EPN 1179	Semi-solid EPN, functionality 2.5	1 100 - 1 700 1	5.60 - 5.80	172 - 179	≤ 3
ARALDITE EPN 1180	Semi-solid EPN, functionality 3.6	20 000 - 50 000 1	5.50 - 5.70	175 - 182	≤ 2
ARALDITE EPN 1183	Medium viscosity, modified EPN, functionality 3.3	7 000 - 13 000	6.30 - 6.90	145 - 159	≤ 3
ARALDITE EPN 1180 X 80	EPN in xylene	1 200 - 2 000	4.40 - 4.60	217 - 227	≤ 2
ARALDITE PT 810	Hardener for polyester or acrylic resin powder coatings (TGIC)	88 - 98	9.30 - 10.00	100 - 108	WHITE
ARALDITE PT 910	Hardener for polyester or acrylic resin powder coatings	90 - 102	6.50 - 7.10	141 - 154	WHITE
ARALDITE PT 912	Hardener for polyester or acrylic resin powder coatings	82 - 96	6.50 - 7.10	141 - 154	WHITE





PRODUCT NAME	CONTENT / CHARACTERISTICS	VISCOSITY 25°C	AMINE VALUE	H+ ACTIVE EQUIVALENT	GEL TIME*	COLOR
ARADUR 15-1	Polyamine	100 - 300	170 - 230	140	18	≤ 5
ARADUR 21	Aliphatic polyamine	< 10	680 - 720	40	51	≤ 1
ARADUR 22	Aliphatic polyamine	< 8	810 - 830	34	71	≤ 2
ARADUR 42	Cycloaliphatic polyamine	10 - 20	645 - 665	42	95	≤ 1
ARADUR 43-1	Cycloaliphatic polyamine	200 - 400	260 - 280	115	44	≤ 1
ARADUR 43-1S	Accelerated cycloaliphatic polyamine	500 - 800	265 - 285	115	19	≤ 1
ARADUR 46-1	Polyamine adduct	130 - 230	310 - 340	95	38	≤ 3
ARADUR 46-1S	Cycloaliphatic polyamine	220 - 320	310 - 340	95	25	≤ 3
ARADUR 49-1S	Cycloaliphatic polyamine	130 - 230	295 - 325	95	25	≤ 4
ARADUR 51	Polyamine	20 - 40	440 - 480	67 - 90	20	≤ 3
ARADUR 53-1S	Polyamine adduct	580 - 640	275 - 305	~ 115	17	≤ 1
ARADUR 70	Polyetherurethane amine	16 000 - 27 000	65 - 75	~ 900	300 - 500	≤ 5
ARADUR 75-1	Polyetherurethane amine	3 000 - 9 000	120 - 140	~ 250	40	≤ 7
ARADUR 90	Polymercaptane	10 000 - 16 000	-	200	4 - 5 (20 g)	≤ 3
ARADUR 835	Solid isolated aliphatic polyamine adduct	600 - 1 200 1	180 - 210	~ 200	1 000 2	≤ 6.5
ARADUR 837-1	Polyamine adduct	4 600 - 6 500	300 - 500	66 - 75	19	≤ 3
ARADUR 847	Cycloaliphatic polyamine	150 - 300	350 - 375	~ 75	30	≤ 2
ARADUR 2963-1	Cycloaliphatic polyamide	30 - 70	325 - 350	85	40	≤ 2
ARADUR 2965	Cycloaliphatic polyamine	100 - 300	300 - 325	~ 94	25	≤ 4
ARADUR 2973	Aliphatic polyamine	900 - 1400	300 - 335	~ 85	40	≤ 7
ARADUR 2992	Aliphatic polyamine	10 - 20	575 - 605	~ 55	5	≤ 2
ARADUR 3243-1	Cycloaliphatic polyamine	220 - 360	280 - 360	95	60	≤ 1
ARADUR 3253-1	Cycloaliphatic polyamine	200- 260	290- 320	~ 95	40	≤ 1
ARADUR 3275	Formulated polyetherpolyamine	200 - 300	100 - 170	250	85	≤ 6
ARADUR 3277	Formulated polyamine adduct	250 - 450	450 - 500	91	80	≤ 6
ARADUR 3290	Polyamine adduct	100 - 180	820 - 900	48	22	≤ 4
ARADUR 3296	Polyamine	350 - 650	330 - 370	75	~ 17	≤ 8
ARADUR 3484	Polyamine adduct	300 - 550	350 - 450	95	30	≤ 6
ARADUR 3741	Cycloaliphatic polyamine	1 - 15	695 - 730	39	84	≤ 1
ARADUR 20250	Accelerated polyamine	130 - 210	1 010 - 1 170	30	18	≤ 6
ARADUR 20315	Formulated polyamine adduct	5 500 - 8 000	470 - 510	59	~ 100	-
ARADUR 20317	Formulated polyamine adduct	2 500 - 6 000	410 - 510	~ 65	65	≤ 0.5
ARADUR 33641	Formulated fast cure amine	4 000 - 8 000	450 - 550	58	~ 10	≤ 8
ARADUR 35-1	Polyamine adduct 52-54% in water	19 000 - 35 000	100 - 120	~ 380	~ 70	≤ 6
ARADUR 36	Polyamine adduct 79-81% in water	4 000 - 7 000	185 - 225	~ 165	~ 150	≤ 6
ARADUR 38-1	Polyamine adduct 79-81% in water	12 000 - 20 000	170 - 210	~ 150	~ 75	≤ 6
ARADUR 39	Polyamine adduct 49-51% in water	12 000 - 20 000	120 - 140	~ 335	120 - 240	≤ 5







PRODUCT NAME	CONTENT / CHARACTERISTICS	VISCOSITY 25°C	AMINE VALUE	H+ ACTIVE EQUIVALENT	GEL TIME*	COLOR
ARADUR 340	Polyamidoamine adduct 49-51% in water	18 000 - 23 000	155 - 175	~ 210	120 - 180	≤ 12
ARADUR 435	Polyamidoamine adduct 49-51% in water	13 000 - 23 000	160 - 200	~ 250	90 - 120	≤ 10
ARADUR 3985	Polyamine adduct 54-56% in water	1 000 - 6 000	170 - 210	~ 265	60	≤ 6
ARADUR 3986	Polyamine adduct 39-41% in water	15 000 - 35 000	90 - 110	~ 415	180	≤ 6
ARADUR 3987	Polyamine adduct 79-81% in water	15 000 - 30 000	200 - 250	~ 147	60	≤ 8
ARADUR 100 PP 77.5	Polyamidoamine in n-propanol	10 000 - 17 000	64 - 72	~ 610	1 000 2	≤ 9
ARADUR 891	Formulated polyamidoamine	130 - 190	520 - 550	74 - 82	~100	≤ 10
ARADUR 33225	Polyamidoimidazoline	100 - 400	240 - 310	75 - 115	900	≤ 12
ARADUR 100 X 60	Polyamidoamine in xylene	2 100 - 3 500	49 - 57	~ 790	1 000 2	≤ 10
ARADUR 100 XM 60	Polyamidoamine in xylene/methoxypropanol (4:1)	2 200 - 3 900	50 - 56	~ 790	1 000 2	≤ 10
ARADUR 20115 X 70	Polyamidoamine in xylene	750 - 1250	168 - 182	~ 340	1 000 2	≤ 10
ARADUR 422 XW 70	Polyamidoamine adduct in xylene/n-butanol (3:2)	6 000 - 12 000	140 - 170	~ 340	1 000 2	≤ 10
ARADUR 423 XW 60	Polyamidoamine adduct in xylene/n-butanol (4:1)	800 - 1400	122 - 138	~ 520	1 000 2	≤ 10
ARADUR 424 XW 50	Polyamidoamine adduct in xylene/n-butanol (4:1)	600 - 2400	80 - 110	~ 785	1 000 2	≤ 10
ARADUR 460 J 90	Polyamidoamine adduct in ethanol	1800 - 5500	240 - 270	~ 190	100	≤ 10
ARADUR 20115 I 73	Polyamidoamine in 2-propanol	1400 - 3200	165 - 185	~ 330	1 000 2	≤ 12
ARADUR 30 XWM 55	Isolated amine adduct in xylene/ n-butanol/methoxypropanol (4:1:4)	2000 - 2800	98 - 114	~ 370	1 000 2	≤ 5
ARADUR 3776 XW 55	Isolated amine adduct in xylene/n-butanol	1500 - 2500	100 - 120	~ 350	1 000 2	≤ 8
ARADUR 20161 XW 60	Aliphatic polyamine high molecular weight adduct (60% solid) in solution (Xylene/Butanol, 3/1)	1 800 - 2 200	215 - 240	~ 233	1 000 2	≤ 4
ARADUR 3467 XW 70	Phenalkamine adduct	1 000 - 3 000	170 - 210	180 - 220	120 2	≤ 18
ARADUR 115	Polyamidoamine	3 100 - 3 700 (@ 75°C)	240 - 260	240	1 000 2	≤ 10
ARADUR 125	Polyamidoamine	700 - 900 (@ 75°C)	340 - 370	130	120	≤ 10
ARADUR 140	Polyaminoimidazoline	300-600 (@75°C)	370 - 410	95	120	≤ 10
ARADUR 145	Polyaminoimidazoline	2400 - 4000	380 - 420	95	180	≤ 10
ARADUR 223	Polyamidoamine	80 - 180	325 - 355	115 - 130	300	≤ 6
ARADUR 224	Polyaminoimidazoline	4000- 7000	260 - 320	180	480	≤ 10
ARADUR 250	Polyamidoamine	400 - 700	425 - 455	95	60	≤ 8
ARADUR 350	Polyaminoimidazoline	100 - 400	370 - 410	95	180	≤ 10
ARADUR 370	Polyaminoimidazoline	150 - 350	480 - 520	95	70	≤ 10
ARADUR 450	Polyamidoamine adduct	700 - 2 000	250 - 290	115	78	≤ 10
ARADUR 450-1S	Polyamidoamine adduct	450 - 1300	280 - 320	115	50	≤ 10
ARADUR 3282-1	Formulated polyamidoamine adduct	900 - 1900	290 - 350	115	100	≤ 10
ARADUR 848	Polyamidoamine adduct	2500 - 5500	200 - 230	135 - 190	95	≤ 10
ARACOOOL 3077	Formulated amine zero-VOC	400 - 540	380 - 420	70 - 75	15	< 6
ARACOOOL 1047 W 80	Mannich-Base type hardener without residual volatile amine (80% solid) in solution Butanol	1800 - 2700	255 - 285	130 - 185	20	< 7
ARACOOOL 1034 XW 90	Modified Mannich-Base type hardener (90% solid) in solution Xylene/Butanol	1000 - 2500	425 - 450	105 - 155	90	< 10





PRODUCT NAME	CONTENT / CHARACTERISTICS	VISCOSITY 25°C	SOFTENING POINT
Accelerator 960-1	Tertiary amine for ambient cure epoxy systems	120 - 250	n/a
Accelerator 2950	Co-reacting tertiaryamine based accelerator (H <sup>+</sup> active equiv. = 75 g/Eq), for ambient cure epoxy systems, low plasticising effect	2 000 - 6 000	n/a
Accelerator 3130	40% in ethanol, non amine accelerator for epoxy systems, extremely high reactivity at ambient temperature, ideal as drop-in accelerator to cope with cold weather	10 - 100	n/a
Aradur® 3123	Low toxicity imidazole based accelerator, outstanding latency vs. standard imidazole	n/a	180 - 250
Aradur® 9690-1	Cresol novolac hardener for high temperature resistant powder coatings	n/a	85 - 95
Aradur® 2844	Hardener (H <sup>+</sup> active equiv. = 37 g/Eq) for epoxy powder coatings exhibiting relatively high reactivity compared to DICY	n/a	139 - 143
Aradur® 3380-1	Low molecular weight modified anhydride (Anhydride content ~ 3.5 eq/kg), hardener for epoxy based can coatings and powder coating	n/a	95 - 110
Aradur® 3380 H 40	Solvented version of Aradur® 3380-1 (40% solid in cyclohexanone)	20 - 200	n/a
Accelerator DT 3126-4	Accelerator for powder coatings which allows the adjustment of the reactivity of epoxy/polyester and polyester/Araldite® PT910 powder systems	4,00 ± 0,20	30 - 60



PRODUCT NAME	CONTENT / CHARACTERISTICS	VISCOSITY 25°C	EPOXY INDEX	EPOXY EQUIVALENT	COLOR
Araldite® DY-C	Diglycidylether of cyclohexane dimethanol	50 - 100	6.00 - 6.50	154 - 167	≤ 2
Araldite® DY-D	Diglycidylether of butanediol	15 - 25	8.00 - 8.50	118 - 125	≤ 2
Araldite® DY-E	Monoglycidylether of C12-C14 alcohol	4 12	3.15 - 3.60	278 - 317	≤ 2
Araldite® DY-F	Diglycidylether of polyoxypropylene	60 - 90	1.95 - 2.35	425 - 513	≤ 3
Araldite® DY-H	Diglycidylether of hexanediol	21 - 31	6.25 - 7.00	143 - 155	≤ 2
Araldite® DY-K	Monoglycidylether of cresol	6 12	5.30 - 5.70	175 - 189	≤ 2
Araldite® DY-L	Glycerol propoxylated triglycidylether	160 - 240	1.25 - 1.65	606-800	≤ 5
Araldite® DY-P	Monoglycidylether of p-tert. butylphenol	20 - 28	4.10 - 4.50	222 - 244	≤ 3
Araldite® DY-S	Multiglycidylether of polyglycerol	1000 - 1400	5.60 - 6.20	160 - 180	≤ 4
Araldite® DY-T	Triglycidylether of trimethylolpropane	100 - 300	7.80 - 8.20	122 - 128	≤ 3
Araldite® DY 3601	Diglycidylether of polyoxypropylene	42 - 52	2.47 - 2.60	385 - 405	≤ 3
Araldite® DY 3602	Diglycidylether of polyoxyethylene	15 - 60	5.20 - 6.30	159 - 192	≤ 2
Araldite® CY 184	Hexahydrophthalic acid diglycidylester	700 - 900	5.80 - 6.10	164 - 172	≤ 3
AGE	Monoglycidylether of C12-C14 alcohol	4 12	3.15 - 3.60	278 - 317	≤ 2
Benzyl Alcohol					≤ 1





PRODUCT NAME	CONTENT / CHARACTERISTICS	VISCOSITY (BROOKFIELD, 2% @20°C)
VESSEL 200	HPMC	70000 - 80000
VESSEL 100	HPMC	45000 - 55000
MH-EM100X	HEMC	45000 - 55000
VESPOGEL	STARCH ETHER	1000
HOSTOPUR OSB	Anionic wetting and air entraining agent	
GENAPOL PF 80	Nonionic wetting agent for the construction industry	1200







NATUREL MICA SILVER WHITE PRODUCTS	PARTICLE SIZE (MICRON)
VSR 1112 Fine silver	5-25
VSR 2111 Rutile super fine silver	2-15
VSR CC 100 super silver	10-60
VSR 1115 Super silver	10-60
VSR 2118 Rutile glitter silver	30-200
VSR 2113 Rutile silver	5-25
VSR 2115 Rutile super silver	10-60
VSR 2117 Rutile sparkle silver	20-100

INTERFERENCE PRODUCTS	PARTICLE SIZE (MICRON)
VSR 2225 Super red	10-60
VSR 2255 Super blue	10-60
VSR 2265 Super green	10-60
VSR 2215 Super Gold	10-60
VSR 2222 Fine red	5-25
VSR 2245 Super violet	10-60

GOLD & BRONZE PRODUCTS	PARTICLE SIZE (MICRON)
VSR 1315 Metallic gold	10-60
VSR 1415 Metallic bronze	10-60
VSR 1445 Metallic wine red	10-60
VSR 1425 Metallic red brown	10-60
VSR 1427 Metallic sparkle red brown	10-100
VSR 2315 Metallic royal gold	10-60
VSR 2365 S gold super	10-60
VSR 2215 super gold	10-60
VSR 2365 Y Yellowish gold	10-60
VSR 1322 Metallic satin gold	5-25
VSR 2327 Metallic sparkle gold	20-100
VSR 2317 Metallic sunny gold	10-100
VSR 2217 Sparkle gold	10-100
VSR 2365 Y Yellowish gold	10-60
VSR 97365 RS Gold	10-60

COLOUR & PIGMENTATION PRODUCTS	PARTICLE SIZE (MICRON)
VSR 1615 Black	10-60
VSR 1625 Silver black	10-60
VSR 1705 Nut brown	10-60
VSR 1675 Silver grey	10-60
VSR 1605 Blue	10-60
VSR 1655 Cambridge Blue	10-60
VSR 1665 Peak green	10-60





PRODUCT NAME	COMPOSITION	NON VOLATILE CONTENT (%)	SOLVENT	SYSTEM
Agathos S 006	Aromatics solvent, keton,ester&silicone	> 1	Alkylbenzen, DIBK, Etylacetate	Solvent
Agathos S 024	Polyacrylate	51	Solvent Naphtha,DIBK	Solvent/ Solvent free
Agathos S 025	Fluoro modified polyacrylate	70	Dipropylenglykol	Solvent/ Solvent free
Agathos S 037	Fluoro modified polyacrylate	70	Xylene	Solvent
Agathos S 064 P	Polyacrylate	100	-	Powder coating
Agathos S 469	Polyacrylic ester	50	Solvent Naphtha	Solvent
Blueadd LA 1358	Polyacrylate resin	52	Alkylbenzenes	Solvent/ Solvent free
Blueadd LA 1359	Polyacrylate resin	100	-	Solvent/ Solvent free /Powder coating
Blueadd DS 3081	Polyether modified polydimethyl siloxane	100	-	Solvent/ Solvent free
Blueadd SW 5325	Polyether modified polydimethyl siloxane	52	MPA,Monopropylen glykol	Solvent



## Polymer Defoamers (Silicone free)



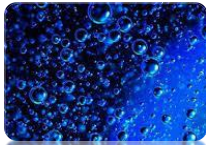
PRODUCT NAME	COMPOSITION	NON VOLATILE CONTENT (%)	SOLVENT	SYSTEM
Agathos D 009	Polymers	20	solvent naphtha, glycolacidbutylester, white spirit	Solvent
Agathos D 0091	Polymers	20	white spirit	Solvent
Agathos D 0093	Polymers	20	Xylene	Solvent
Agathos D 0561	Polymers	28	Solvent Naphtha,MPA	Solvent
Agathos D 1009	Polymers	20	Isoparaffine	Solvent
Agathos P 053	Polymers	10	Solvent naphtha, Methoxypropanol	Solvent
Agathos P 0533	Polymers	37	Solvent naphtha	Solvent
Blueadd DF 215	Polymers	5	Paraffinic hydrocarbons	Solvent/ water
Blueadd DF 9034	Polymers	4	Paraffinic hydrocarbons, butyl glycol	Solvent/ water
Blueadd DF 9039	Polymers & hydrofobic particle based	4	Mineral oil	Solvent
Blueadd PD 2011	Polymers	25	Hydrocarbons,Ethylhexanol	water
Blueadd PD 2012	Polymers & hydrofobic particle based	100	-	water
Blueadd PD 2014	Polymers & hydrofobic particle based	100	-	water
Blueadd PD 2051	Polymers	20	white spirit	Solvent
Blueadd PD 2381	Polymers	52	Dipropylene glycol, Monomethyl ether	water
Blueadd PD 2560	Polymers	14	Solvent mix	Solvent



## Defoamers (Silicone containing)



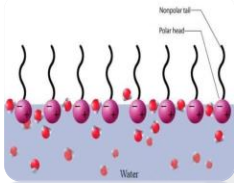
PRODUCT NAME	COMPOSITION	NON VOLATILE CONTENT (%)	SOLVENT	SYSTEM
Agathos D 020	Polysiloxane	0,7	Cyclohexanone	Solvent
Agathos D 0202	Polysiloxane	0,7	MPA	Solvent
Agathos D 031	Polysiloxane& polymer based	3,5	Alkylbenzenes, isobutanol	Solvent/ Solvent free
Agathos S 027	Polysiloxane& polymer based	51	Hydrocarbons	Solvent/ Solvent free
Agathos P 0541	Polysiloxane& polymer based	6	Hydrocarbons,MPA	Solvent
Blueadd DS 3024	Polysiloxane& polymer based	98	Polyglycol	Solvent/ Solvent free/water
Blueadd DS 3035	Polysiloxane& polymer based	1,5	Paraffinic mineral oils	water
Blueadd DS 3085	Polysiloxane	100	-	Water/ Solvent
Blueadd DS 3332	Polysiloxane	60	Dipropylene glycol	Solvent/ Solvent free/water
Blueadd DS 3630	Polysiloxane	4	Hydrocarbons	Solvent



## Air Release Agents



PRODUCT NAME	COMPOSITION	NON VOLATILE CONTENT (%)	SOLVENT	SYSTEM
Blueadd AR 4900	Polysiloxane& hydrophobic particles	100	-	Solvent/ Solvent free
Blueadd PD 2155	Polymers	100	-	Solvent/ Solvent free
Blueadd DS 3630	Polysiloxane	4	Hydrocarbon mix.	Solvent



## Surface Wetting Agents (Silicone containing)



PRODUCT NAME	COMPOSITION	NON VOLATILE CONTENT (%)	SOLVENT	SYSTEM
Agathos S 008	Polyether modified polydimethylsiloxane	50	Xylene,Iso butanol	Solvent/ Solvent free
Agathos S 013 B	Polyether modified polydimethylsiloxane	51	White spirit,MPA	Solvent/ Solvent free
Agathos S 022	Polyether modified polydimethylsiloxane	50	Butylcellosolve	Water/ Solvent
Blueadd SW 5300	Polyether modified polydimethylsiloxane	50	Xylene,Iso butanol	Solvent
Blueadd SW 5301	Polyether modified polydimethylsiloxane	51	Butylglycol	Water/Solvent
Blueadd SW 5302	Polyether modified polydimethylsiloxane	98	-	Solvent/ Solvent free/Water
Blueadd SW 5306	Polyether modified polydimethylsiloxane	12,5	Xylene, Monophenylglycol	Solvent
Blueadd SW 5307	Polyether modified polydimethylsiloxane	99	-	Solvent/ Solvent free
Blueadd SW 5310	Polyether modified polydimethylsiloxane	52	Alkylbenzene	Solvent/ Solvent free
Blueadd SW 5330	Polyether modified polydimethylsiloxane	51	MPA	Water/ Solvent
Blueadd SW 5331	Polyether modified polydimethylsiloxane	99	-	Solvent/ Solvent free/Water
Blueadd SW 5332	Polyether modified polydimethylsiloxane	100	-	Solvent/ Solvent free/Water
Blueadd SW 5349	Polyether modified polydimethylsiloxane	98	-	Water
Blueadd SW 5378	Polyether modified polydimethylsiloxane	98	-	Solvent/ Solvent free/Water
Blueadd SW 5750	Polyether modified polydimethylsiloxane	50	Xylene,Iso butanol	Solvent/ Solvent free
Blueadd SW 5761	Polyether modified polydimethylsiloxane	13	Xylene, Monophenylglycol	Solvent
Blueadd SW 5770	Polyether modified polydimethylsiloxane	25	Xylene, solvent naphtha, Cyclohexanon, monophenylglycol	Solvent





PRODUCT	COMPOSITION	NON VOLATILE CONTENT (%)	SOLVENT	SYSTEM
Blueadd WD 8004	Solution of a low molecular weight, unsaturated polycarboxylic acid polymer	50	Xylene diisobutylketone	Solvent
Blueadd WD 8005	Solution of a low molecular weight, unsaturated polycarboxylic acid polymer	50	Xylene diisobutylketone	Solvent
Blueadd WD 8076	Alkylammonium salt of a high molecular weight copolymer	98	-	Solvent/ Solvent free
Blueadd WD 8U50	Polyamin amide&acidic polyesters	50	Xylene, Isobutanol	Solvent
Blueadd WD 8U00	Polyamin amide&acidic polyesters	100	-	Solvent
Blueadd WD 8107	Solution of hydroxy-functional carboxylic acid ester with pigment affinic groups	90	Isoparaffinic hydrocarbons	Solvent
Blueadd WD 8108	Hydroxyfunctional carboxylic acid ester with pigment affinic groups	98	-	Solvent
Blueadd WD 8110	Solution of an acidic polyester polyamide	50	Xylene, i- butanol	Solvent
Blueadd WD 8154	Solution of an ammonium salt of an acrylic polymer	40	water	water
Blueadd WD 8161	Solution of modified polyurethane	30	MPA, Butylacetate	Solvent
Blueadd WD 8163	Solution of modified polyurethane with pigment affinic groups	45	MPA, Butylacetate, Xylene	Solvent
Blueadd WD 8190	Solution of high molecular weight block copolymer with pigment affinic groups	40	water	water
Blueadd WD 8203	Solution of high molecular weight carboxylic acid salts	52	Alkylbenzene	Solvent
Blueadd WD 8206	Alkyl hydroxyl ammonium salt of unsaturated fatty acids	30	Isobutanol/water	Water/ Solvent
Blueadd WD 8502	Solution of non-ionic surfactant	70	White spirit	Solvent
Blueadd WD 8622	Fatty acid-based polymer	98	-	Water/ Solvent
Blueadd WD 8672	Mixture of ionic and nonionic esters	97	-	Solvent free
Blueadd WD 8980	Solution of a salt of unsaturated polyamine amides and low molecular acidic polyesters	80	Butylglycol	Solvent



## Rheology Modifiers



PRODUCT	COMPOSITION	NON VOLATILE CONTENT (%)	SOLVENT	SYSTEM
Blueadd TH 9000	Hydrogenated Castor Oil	100	-	Solvent/ Solvent free
Blueadd TH 9001	Bisamide modified hydrogenated castor oil	100	-	Solvent/ Solvent free





PRODUCT NAME	CONTENT	FUNCTIONALITY	NCO (%)	VISCOSITY (@25 °C)
ONGRONAT 1100	TDI 100 (T 100)	2,0	48,5	3
ONGRONAT 1080	TDI 80/20 (T 80/20)	2,0	48,5	3
ONGRONAT 2100	POLYMERIC MDI	3,1	30,0 - 32,0	170 - 230
WANNATE PM-200	POLYMERIC MDI	3,1	30,5 - 32,0	150 - 250
WANNATE PM-130	POLYMERIC MDI	3,1	30,5 - 32,0	130 - 170
WANNATE PM-400	POLYMERIC MDI	2,8 - 2,9	30,5 - 32,0	350 - 500
WANNATE PM-600	POLYMERIC MDI	2,9 - 3,0	30,0 - 32,0	500 - 800
WANNATE PM-700	POLYMERIC MDI	3,0 - 3,1	30,0 - 32,0	650 - 850
WANNATE PM-2010	POLYMERIC MDI	2,6 - 2,7	30,5 - 32,0	170 - 250
WANNATE PM-2025	POLYMERIC MDI	2,6 - 2,7	30,5 - 32,0	150 - 250
ONGRONAT 3600	MDI 50 (50% 2,4 ISOMER + 50% 4,4 ISOMER)	2,8 - 2,9	33,4	13 - 15
WANNATE MDI-50	MDI 50 (50% 2,4 ISOMER + 50% 4,4 ISOMER)	2,8 - 2,9	33,4	13 - 15
ONGRONAT 3800	CD MDI (MODIFIED MDI)	2,1	27,0 - 29,0	30 - 90
WANNATE CDMDI-100L	CD MDI (MODIFIED MDI)	2,1	28,0 - 30,0	25 - 60
ONGRONAT 3000	MONOMERIC (PURE) MDI (100% 4,4 ISOMER)	2,0	33,4	10
WANNATE MDI-100	MONOMERIC (PURE) MDI (100% 4,4 ISOMER)	2,0	33,4	10







PRODUCT NAME	CONTENT	MOLECULAR WEIGHT	OH NUMBER	VISCOSITY (@25 °C)
WANOL C2004	POLYETHER DIOL	400	280	40 -140
WANOL C2010	POLYETHER DIOL	1000	112	100 - 200
WANOL C2056	POLYETHER DIOL	2000	56	270 - 370
WANOL C2010D	POLYETHER DIOL	1000	112	100 - 200
WANOL C2020	POLYETHER DIOL	2000	56	270 - 370
WANOL C2030	POLYETHER DIOL	3000	37	400 - 600
WANOL C2030D	POLYETHER DIOL	3000	37,5	500 - 750
WANOL C2040D	POLYETHER DIOL	4000	28	750 - 1250
WANOL C2140	POLYETHER DIOL	4000	27,5	750 - 950
WANOL C2140F	POLYETHER DIOL	4000	28,5	750 - 950
WANOL C3110	POLYETHER TRIOL	1000	168	240 - 320
WANOL F3140	POLYETHER TRIOL	4000	42	850 - 1050
WANOL F3156	POLYETHER TRIOL	3000	56	450 - 600
WANOL F3135	POLYETHER TRIOL	5000	34,5	800 -1000





PRODUCT NAME	CONTENT	HARDNESS	NCO	POT LIFE	CURATIVE
WANNATE 3T3125	TDI ESTER PREPOLYMER	75 ± 2 ShA	2,50 ± 0,20	8 ~ 10 min.	MOCA
WANNATE 3T3136	TDI ESTER PREPOLYMER	85 ± 2 ShA	3,60 ± 0,20	4 ~ 6 min.	MOCA
WANNATE 3T3236	TDI ESTER PREPOLYMER	85 ± 2 ShA	3,60 ± 0,20	8 ~ 10 min.	MOCA
WANNATE 3T3142	TDI ESTER PREPOLYMER	90 ± 2 ShA	4,20 ± 0,20	4 ~ 6 min.	MOCA
WANNATE 3T3242	TDI ESTER PREPOLYMER	90 ± 2 ShA	4,70 ± 0,20	8 ~ 10 min.	MOCA
WANNATE 3T3250	TDI ESTER PREPOLYMER	95 ± 2 ShA	5,00 ± 0,20	4 ~ 6 min.	MOCA
WANNATE 3T6225	TDI ETHER PTMEG PREPOLYMER	78 ± 2 ShA	2,50 ± 0,20	18 ~ 25 min.	MOCA
WANNATE 3T6230	TDI ETHER PTMEG PREPOLYMER	85 ± 2 ShA	3,00 ± 0,20	12 ~ 18 min.	MOCA
WANNATE 3T6240	TDI ETHER PTMEG PREPOLYMER	90 ± 2 ShA	4,00 ± 0,20	10 ~ 12 min.	MOCA
WANNATE 3T6252	TDI ETHER PTMEG PREPOLYMER	93 ± 2 ShA	5,20 ± 0,20	6 ~ 8 min.	MOCA
WANNATE 3T6262	TDI ETHER PTMEG PREPOLYMER	95 ± 2 ShA	6,20 ± 0,20	5 ~ 6 min.	MOCA
WANNATE 3W6276	TDI ETHER PTMEG PREPOLYMER	62 ± 2 ShD	7,60 ± 0,20	3 ~ 4 min.	MOCA
WANNATE 3W6290	TDI ETHER PTMEG PREPOLYMER	70 ± 2 ShD	9,00 ± 0,20	2 ~ 3 min.	MOCA
WANNATE 3T8235	TDI CAPROLACTONE PREPOLYMER	62 ± 2 ShA	3,50 ± 0,20	20 ~ 30 min.	MOCA
WANNATE 3T8240	TDI CAPROLACTONE PREPOLYMER	85 ± 2 ShA	4,00 ± 0,20	10 ~ 12 min.	MOCA
WANNATE 3T8255	TDI CAPROLACTONE PREPOLYMER	95 ± 2 ShA	5,50 ± 0,20	6 ~ 8 min.	MOCA
WANNATE 3W3688	MDI ESTER PREPOLYMER	88 ± 2 ShA	7,00 ± 0,20	6 ~ 8 min.	1,4 BDO
WANNATE 3B766A	MDI ESTER PREPOLYMER	92 ± 2 ShA	7,85 ± 0,15	8 ~ 10 min.	1,4 BDO
WANNATE 3B766A	MDI ETHER PTMEG PREPOLYMER	85 ± 2 ShA	6,50 ± 0,20	10 ~ 12 min.	1,4 BDO
WANNATE 3B766A	MDI ETHER PTMEG PREPOLYMER	90 ± 2 ShA	7,70 ± 0,20	8 ~ 10 min.	1,4 BDO
WANNATE 3B766A	MDI ETHER PTMEG PREPOLYMER	85 ± 2 ShA	9,30 ± 0,20	4 ~ 6 min.	1,4 BDO
WANNATE 3W3616T	3 COMPONENT MDI ESTER PREPOLYMER	60 ShA ~ 95 ShA	16,2 ± 0,20	---	1,4 BDO + POLYOL
WANNATE 3W6698	3 COMPONENT MDI ETHER PTMEG PREPOLYMER	60 ShA ~ 95 ShA	12,50 ± 0,20	---	1,4 BDO + POLYOL



## Curatives



PRODUCT NAME	CONTENT	DESCRIPTION
MOCA	Diamine type pellet curative	Pellet curative for TDI Prepolymers
DMTDA (eq. to E-300)	Diamine type liquid curative	Liquid curative for TDI Prepolymers
VESCURE 93	Triol type liquid polyol	Liquid curative for soft elastomers



