

Additives for Polymer Dispersions



Antifoaming Agents

Antifoaming Agents	Chemical Base	Delivered as	Production of						Formulations based on				
			E-PVC	Micro-S-PVC	S-PVC	PVAc/VAE/PVOH	Acrylates	SBR/NBR-Latex	SBR/NBR-Rubber	Acrylates	PVAc/VAE/PVOH	SBR/NBR-Latex	PU
TEGO® Antifoam 1488	Polyether siloxane	20 % active emulsion				○	●		●	●	○		
TEGO® Antifoam 2-57	Polyether siloxane	20 % active emulsion							○	○	○	○	
TEGO® Antifoam 2-80	Polyether siloxane	20 % active emulsion										●	●
TEGO® Antifoam 2-89	Polyether siloxane	20 % active emulsion				●	●	○	●	●	○		
TEGO® Antifoam 204	Polyether siloxane	20 % active emulsion							●		●		
TEGO® Antifoam 2280	Polyether + siloxane	50 % active emulsion			●	○				○			
TEGO® Antifoam 2290	Paraffinic oil	100 % active selfemulsifiable concentrate						○	●			○	
TEGO® Antifoam 2291	Paraffinic oil	100 % active selfemulsifiable concentrate						○	●	●		○	
TEGO® Antifoam 2450	Vegetable oil	100 % active selfemulsifiable concentrate											●
TEGO® Antifoam 2460	Mineral oil	100 % active selfemulsifiable concentrate											●
TEGO® Antifoam 3045	Vegetable oil	100 % active selfemulsifiable concentrate						○					●
TEGO® Antifoam 4-88	Polyether siloxane	40 % active emulsion			●		○	○		○	○		
TEGO® Antifoam 4-94	Polyether siloxane	40 % active emulsion							●	○			
TEGO® Antifoam D 2315	Polyether siloxane	100 % active concentrate							●		●		
TEGO® Antifoam D 3020	Gemini surfactant	100 % active concentrate							○	●			
TEGO® Antifoam KS 53	Vegetable oil	100 % active selfemulsifiable concentrate	●	●			○	○					
TEGO® Antifoam KE 600	Polyether + siloxane	60 % active emulsion			●		○						
TEGO® Antifoam KE 600 EC	Polyether + siloxane	60 % active emulsion			●	○	○		●	○			



Wetting Agents

Wetting Agents	Chemical Base	Delivered as	surface tension 0.1 % in water		Cloud point 0.1 % in water (°C)	Wetting of			Syner- gism with TEGO® Antifoam	
			Static (bubble life time 5000 ms)	Dynamic (bubble life time 30 ms)		Glass	PP/PE film	Siliconized surface	Improved defoaming	Reduction of surface defects
SURFYNOL® AS 5000	Gemini surfactant	50 % active solution	35	40	<RT	●	●			
SURFYNOL® AS 5020	Ethoxylated gemini surfactant	100 % active concentrate	34	39	<RT	○	○	●		
SURFYNOL® AS 5040	Ethoxylated gemini surfactant	100 % active concentrate	32	35	58	●	●	●	●	●
SURFYNOL® AS 5060	Alkoxylated gemini surfactant	100 % active concentrate	33	37	46	●	●	●		●
SURFYNOL® AS 5080	Blend of gemini surfactants	100 % active concentrate	25	30	<RT	●	●	●	●	●
SURFYNOL® AS 5100	Blend of Gemini and anionic surfactants	80 % active concentrate	31	37	>100	○	○	●	●	
SURFYNOL® AS 5120	Anionic surfactant blend	100 % active concentrate	33	37	28	●	●	●	●	●
SURFYNOL® AS 5140	Anionic surfactant blend	85 % active concentrate	32	41	30	○	○	○		
SURFYNOL® AS 5160	Anionic surfactant	75 % active concentrate	30	38	>100	○	○	●		●
SURFYNOL® AS 5180	Alcoholalkoxylate	100 % active concentrate	29	34	44	●	●	●		
TEGOPREN® 5840	Organommodified Siloxane	100 % active concentrate	22	51	25	●	●	●		●
TEGOPREN® 5860	Organommodified Siloxane	100 % active concentrate	23	43	<RT	●	●	●		●
TEGOPREN® 5885	Siloxane based gemini surfactant	100 % active concentrate	n.a.	n.a.	<RT	●	●		●	
TEGOPREN® 5890	Organommodified Siloxane	100 % active concentrate	41	56	<RT	●	●		●	

Emulsifying Agents

Emulsifying Agents	Chemical Base	Delivered as	Production of				
			E-PVC	PVAc/VAE/PVOH	Acrylates	PU-Dispersion	Inverse Polymerisation
REWOPOL® SB FA 50	Ethoxylated sulfosuccinate	30–32 % active solution		○	●		
REWOPOL® SB DO 75	Sulfosuccinate	75 % active solution	○		○		
REWOPOL® V 10033	Fatty alkanolamide sulfosuccinate	36–39 % active solution		●	●		
TEGO® SMO 80	Nonionic	100 % active concentrate					●
TEGO® IS 5458	Mixture based on nonionics	96 % active concentrate					●
TEGOMER® D 3403	Polyether polyol	100 % active concentrate				●	

Thickening Agents

Thickening Agents	Chemical Base	Delivered as	Viscosity	Flow behavior	Formulations based on			conditions of use		
					Acrylics	SBR/NBR-Latex	PVAc/VAE/PVOH	pH 3 - 10	high electrolyte content	shear stable formulations
TEGO® Rheo 8600	Polyurethane	25 % active solution	~ 30.000 mPas	Newtonian	●	●	○	●	●	●
TEGO® Rheo 8510	Polyurethane	60 % active solution	~ 20.000 mPas	Pseudoplastic	●	●	○	●	●	●

Dispersing Agents

Dispersing Agents	Chemical Base	Delivered as	Ionogenicity	Dispersion of				
				Chalk	Talc	Glass or polymeric fiber	micronized filler	Organic pigments
TEGOMER® DA 640	Polyether phosphate	30 % active solution	Anionic	•	•			
TEGOMER® DA 646	Modified Polyether	100 % active concentrate	Nonionic			•	•	
TEGOMER® DA 850	Polymeric nature	40 % active solution	Nonionic	•	•			•



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Food Contact Compliance

	EU Regulation 10/2011	BfR XIV	21 CFR FDA							
			FDA 175.105	FDA 175.125	FDA 175.300	FDA 176.170	FDA 176.180	FDA 176.210	FDA 177.1210	FDA 177.2600
Antifoaming Agents										
TEGO® Antifoam 2-57		•	•						•	
TEGO® Antifoam 2-80		•	•						•	
TEGO® Antifoam 2-89		•	•						•	
TEGO® Antifoam 4-88	•	•	•	•	•	•	•	•	•	•
TEGO® Antifoam 4-94	•	•	•	•	•	•	•	•	•	•
TEGO® Antifoam 204	•	•								
TEGO® Antifoam 1488		•	•						•	
TEGO® Antifoam 2280	•	•	•						•	
TEGO® Antifoam 2290		•	•		•	•	•	•		•
TEGO® Antifoam 2291	•	•	•		•	•	•	•		•
TEGO® Antifoam 2450	•	•								•
TEGO® Antifoam 3045	•	•	•		•	•	•	•		
TEGO® Antifoam D 2315	•	•	•	•	•	•	•	•	•	•
TEGO® Antifoam KS 53	•	•	•	•	•	•	•	•	•	•
TEGO® Antifoam KE 600 EC	•	•	•	•	•	•	•	•	•	•
Wetting Agents										
SURFYNOL® AS 5020			•		•	•	•			
SURFYNOL® AS 5040			•		•	•	•			
SURFYNOL® AS 5060			•				•			
SURFYNOL® AS 5100			•		•	•	•			
SURFYNOL® AS 5120	•	•	•			•	•			
SURFYNOL® AS 5140			•							
SURFYNOL® AS 5160	•	•	•	•	•	•	•			
TEGOPREN® 5840			•							
TEGOPREN® 5885			•							
TEGOPREN® 5890	•	•	•							
Emulsifying Agents										
REWOPOL® SB FA 50		•	•							
REWOPOL® SB DO 75	•	•	•		•	•	•			
REWOPOL® V 10033		•								
TEGO® SMO 80 V	•	•	•		•	•	•			
Thickening Agents										
TEGO® RHEO 8600	•	•	•							

For restrictions please refer to the technical data sheet

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