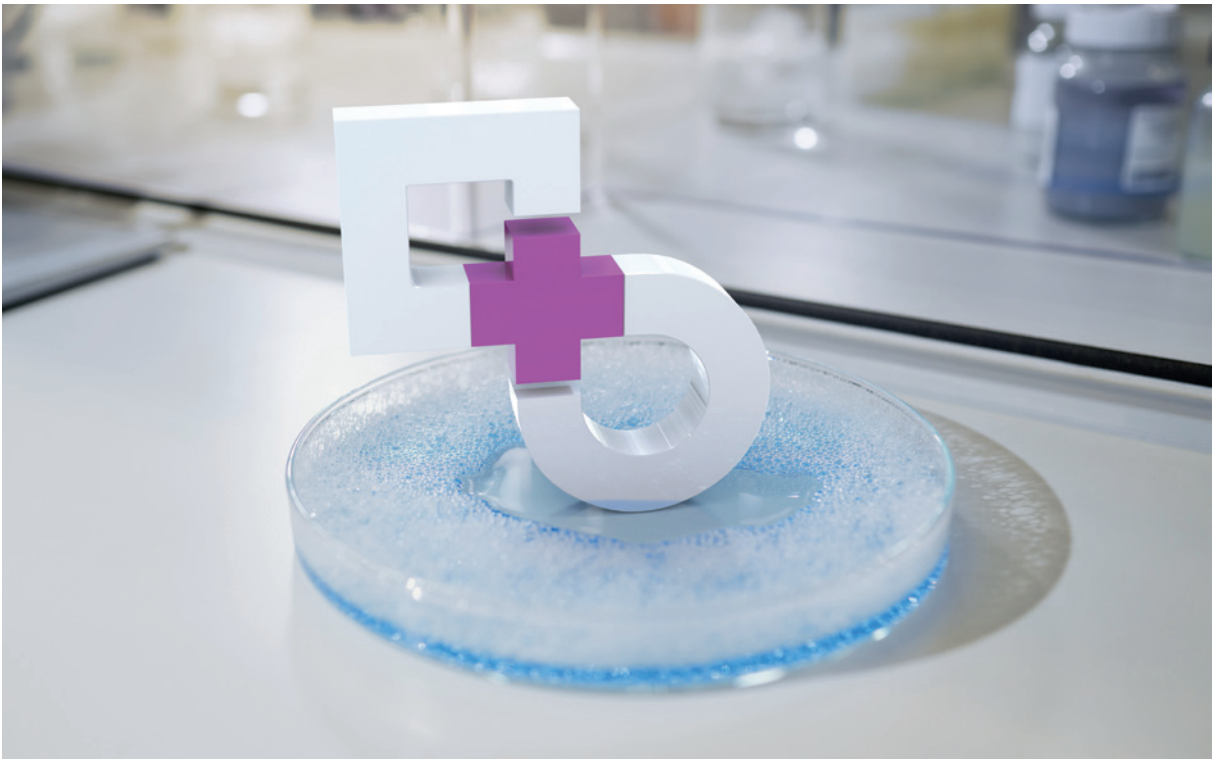


Product Overview

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	PF-, MF-, MUF-Resins
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 2-82	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					Synergism with TEGO® Antifoam		
			Static (bubble life time 5000 ms)	Dynamic (bubble life time 30 ms)		Glass	PP/PE film	Siliconized surface	Ceramic	Metal	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	Alkoxyated gemini surfactant	100 % active concentrate	33	37	46	●	●	●					●
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	○	○	●					●
TEGOPREN® 5840	Organomodified siloxane	100 % active concentrate	22	51	25	●	●	●					●
TEGOPREN® 5885	Siloxane based gemini surfactant	100 % active concentrate	n.a.	n.a.	<RT	●	●				●		
SURFYNOL® 800	Nonionic blend	83 % active solution	30	40	64	●			●	●			
SURFYNOL® 465	Ethoxylated gemini surfactant	100 % active concentrate	34	42	96	●			●	●			
CARBOWET® GA 100	Nonionic blend	85 % active solution	29	38	73	●			●	●			

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® SML	Sorbitane ester	100 % active	●		●		
TEGO® IS 5458	Mixture based on nonionics	96 % 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	•	•			•

Food Contact Compliance

	EU Regulation 10/2011	BfR XIV	GB9685-2016*	21 CFR FDA						
				FDA 175.105	FDA 175.125	FDA 175.300	FDA 176.170	FDA 176.180	FDA 176.210	FDA 177.1210
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				•						
SURFYNOL® 465				•		•	•	•		
SURFYNOL® 800										
CARBOWET® GA 100				•						
Emulsifying Agents										
REWOPOL® SB FA 50		•		•						
REWOPOL® SB DO 75	•	•		•		•	•	•		
REWOPOL® V 10033		•								
TEGO® SML	•	•								
Thickening Agents										
TEGO® RHEO 8600	•	•		•						

For restrictions please refer to the technical data sheet

*Appendix 5 – Adhesives



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