Technical Data Sheet

ALLCOSIL LTD.

Allcosil 2418

Introduction:

Allcosil 2418 is an aqueous emulsion of alkylaryl polysiloxane.

Uses:

Allcosil 2418 has been specially formulated for a wide range of uses as a release agent. In particular, the silicone oil phase is compatible with many organic finishing agent (paints/coatings/adhesives). Allcosil 2418 can be recommended for the release of articles where post-finishing is requested.

Properties of Allcosil 2418 suggest the following uses:

Moulding, casting and extrusion of aluminium (or its alloys) parts.

Typical Characteristics:

Product Description			
	Appearance	Milky White emulsion.	
Composition			
	Substance	**% by Weight**	
	Alkylaryl polysiloxane (Active content)	54	
	Emulsifier (non-ionic)		
	Diluent (Water)		
Properties			
	Description	**Unit**	**Value**
	pH		7 approx.
	S.G. @ 25ºC	g/ml	1.0

Application/ How to Use:

Wipe, Brush or spray the emulsion. Allcosil 2418 is normally used in diluted form.

Recommended starting dilution is 1:100 (Allcosil 2418 to water). The user is recommended to determine the best conditions of dilution and application on a test sample before using in production.

Cleaning of the moulded parts prior to finishing is still suggested.

When stored at or below 35ºC in the original unopened containers, the product has a shelf life of 12 months from the date of production.

A Product Safety Data Sheet should be obtained from the supplier before use.

Storage:

Allcosil 2418 should be stored in clean, sealed containers between 5 and 30°C. It should not be allowed to freeze.

Shelf life for this product is 12 months

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Health & Safety:

Detailed advice on the Health & Safety aspects of this product is given in the individual product I Safety Data Sheet (SDS), available upon request.

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