



Alchemy[®]
Oilfield Services Limited

Unit 19d, Camiestone Road, Thainstone Business Park, Inverurie, Aberdeenshire, AB51 5GT Phone +44 (0) 1467 672100

Alchemy Ceal®Solve

Description

Alchemy Ceal®Solve chemically digests (dissolves) cured silicone elastomers and polymers making them easily water or solvent rinsable.

Alchemy Ceal®Solve is ready-to-use (no diluting or heating required), safe (low odour, low evaporation, high flash point, minimal hazard rating) and contains biodegradable actives.

Applications

Alchemy HPS Ceal® range of products can be dissolved by application of Ceal®Solve. The dissolution rate is related to the thickness of the section and where deeper sections are to be treated agitation may be necessary to provide adequate speed of dissolution. Ceal®Solve works by chemically etching the external layer of what is a fairly inert product so the dissolution rate is related also to temperature and agitation of the surface at the application point. Ceal®Solve is applied at a rate of about 3:1 dissolver:sealant. A 5mm section will normally dissolve within 24 hours in ambient conditions of approx 18°C. This rate can be increased with agitation and heat. The dissolved product is a free flowing liquid mixture which will separate on standing.

Alchemy Ceal®Solve may be used on aluminium and its alloys, coppers and its alloys, iron and steels, glass and ceramics and epoxy composites without adverse effect. It has little effect on rubber and other elastomers and most painted surfaces. Alchemy Ceal®Solve will attack nylon (polyamide) but not PTFE. It is always advisable to test for compatibility before use.

The presence of water, even at low levels, reduces the effect of Alchemy Ceal®Solve.

Storage

Alchemy Ceal®Solve has a shelf life of 6 months in original unopened containers. Store between 0 to 30°C. Alchemy Ceal®Solve may darken with age.

Typical properties

Colour	Brown
Viscosity	mPa.s approx
Density	0.8 at 20°C
pH	3
Flash Point	> 70°C
Recommended Storage temperature	< 30°C

Date of review 08/04/2014

ALC CS 01 Rev 1

All references marked with a TM or [®] are trade-marks of Alchemy Oilfield Services Ltd. www.alchemy-oil.com

Registered Office: Johnstone House, 52-54 Rose Street, Aberdeen AB10 1HA ~ Registered in Scotland 279923 ~ VAT Number 856 7108 04