

### Approvals and conformities

BAE SYSTEMS	Removal of cured sealants on 146/RJ Aircraft
BOEING	Conform to D6-17487 / Conform to BAC 5725 section 11,2 (intergranular attack) / BAC 5750
LOCKHEED MARTIN	Thin STM 40-500 TYPE I, class A, EPS/EMAP G32.50 / Thick STM 40-500 TYPE I, class B, EPS/EMAP G32.501
ROLLS ROYCE	OMAT 1/286
US Military	TO-1-1-691
NATO	NSN numbers: 8030-01-466-1648, 8030-01-466-4432, 8030-01-466-1649, 8030-01-466-4433, 8030-01-514-9299
UK Ministry of Defense	HAWK AEDIT: 3C/6850-99-7397555, 33C/6850-99-6167913
McDONNELL DOUGLAS	Conform to CSD#1
ASTM International	Conform to ASTM F519 (Hydrogen embrittlement)

### Formerly Elixair part numbers 306-1, 306-5, 307-1 & 307-5.

**SkyRestore** is an innovative solution for the quick removal of fully cured sealants and some adhesives. Available in liquid and gel formats for different applications, **SkyRestore** can be applied to quickly soften sealant from most parts of the aircraft including aircraft structures, fuel systems, nacelles, landing gear and joints for easy removal. The integrated sealant removal system provides speedy results when compared with alternative, traditional cured-sealant removal methods. It is effective on Polysulfide, Polythioether, Silicones and RTV sealants and can be used on most metallic surfaces commonly found in the aerospace manufacturing and maintenance sectors.

- Thixotropic gel version suitable for overhead and vertical applications
- Quickly softens cured sealants & adhesives for removal
- Suitable for use on most metallic surfaces
- For best results, use in conjunction with non-metallic **SkyScraper** to remove residue
- In comparison with more traditional methods - e.g. mechanical and most chemical removal solutions - **SkyRestore** saves a lot of time in both application and use

### USES

To remove polysulfide, polythioether, silicones and RTV sealants in aerospace manufacturing and maintenance operations. For best results, use with **SkyScraper** sealant removal tools (see specific TDS).

### DIRECTIONS FOR USE

**SkyRestore** works by breaking down the sealants resistance:

- Using a **SkyScraper**, score the cured sealant to accelerate absorption and molecular breakdown.
- Unscrew lid and pour (or pump\*) an appropriate amount of SkyRestore into a pot or container.
- Replace lid to prevent spillage.
- Using a suitable brush, dab the SkyRestore in the pot or container and apply liberally to the scored sealant area.
- Leave for approximately 5-30 minutes (exact time is determined by type and thickness of sealant), ensuring the area remains moist by re-application of SkyRestore if necessary.
- Remove the softened sealant with an appropriate **SkyScraper**.
- Clean the remaining now wet or tacky sealant residue using one of our surface cleaners.

*\*It is recommend that SkyRestore 5 liter bottle is dispensed using a screw-on pump for safe and controlled handling.*

## **TECHNICAL CHARACTERISTICS**

Product Characteristics	1L Liquid (306-1)	5L Liquid (306-5)	1L Gel (307-1)	5L Gel (307-5)
Appearance	Slightly Opaque Liquid	Slightly Opaque Liquid	Slightly Opaque Gel	Slightly Opaque Gel
Liquid Volume	1 litre	5 litres	1 litre	5 litres
Viscosity (cPs at 6/20 rpm)	4000-6000	4000-6000	16,000-22,000	16,000-22,000
VOC Content (grams)	900-950g/L	900-950g/L	900-950g/L	900-950g/L
Odour	Slight amine odour	Slight amine odour	Slight amine odour	Slight amine odour
pH	9.5 to 11.5	9.5 to 11.5	9.5 to 11.5	9.5 to 11.5
Flash Point	56°C / 132.8°F	56°C / 132.8°F	56°C / 132.8°F	56°C / 132.8°F

## **PRECAUTIONS FOR USE AND STORAGE**

Store in a cool, dry place in original packaging. Avoid extreme temperatures.

Wear suitable protective clothing and gloves. Refer to product label and Material Safety Data Sheet (MSDS) for full detailed health and safety information before using this product.

For professional use only.

**This technical data sheet replaces and cancels the previous one.**

The above details have been compiled to the best of our knowledge. They have, however, an indicative value only and we therefore make no warranties and assume no liability in connection with any use of this information, particularly if a third party's rights are affected by the use of our products. The above information has been compiled based upon tests carried out by SOCOMORE. All data is subject to change as Socomore deems appropriate. The data given is not intended to substitute for any testing you must conduct in order to determine the suitability of the product for your particular purposes. Please check your local legislation applicable to the use of this product. Should you need any further information please contact us.