

Approvals and conformities

ASTM International	Conforms to ASTM F519 (Hydrogen embrittlement) / ASTM F 483 (Immersion Corrosion) / ASTM F 1111 (Cad Corrosion) & ASTM F 1110 (Sandwich Corrosion)
BOEING	Conforms to Intergranular Attack (IGA/EGP BAB 5725, BSS7219) / Alloy Steel Surface Corrosion (BSS 7432)
SAE	Conform to ARP 1755 B - Effect of cleaning agents on aircraft engines / Materials stock loss test method / Category 1: Cold Carbon and Paint Remover

30% VOC emission, NMP free and high flash point cured sealant removal for application during aerospace OEM & MRO part cleaning operations.

SKYRESTORE 406 & 407 are innovative solutions for the quick removal of fully cured sealants and some adhesives. Available in liquid gel (406) and thixotropic gel (407) formats for different applications, **SKYRESTORE 406 & 407** 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 and RTV sealants and can be used on most metallic surfaces commonly found in the aerospace manufacturing and maintenance sectors.

- Thixotropic gel version (**407**) suitable for overhead and vertical applications
- Quickly softens cured sealants & adhesives for removal
- Specifically intended to replace NMP based sealant remover. Registered in the SVHCs list (Substances of Very High Concern), within the frame of REACH regulations, NMP is restricted since May 2020.
- Zero fire risk related to its use - non flammable product.
30% VOC emission product.
- Suitable for use on most metallic surfaces
- For best results, use in conjunction with non-metallic **SkyScraper** to remove residues
- In comparison with more traditional methods - e.g. mechanical and most chemical removal solutions – SkyRestore 406 & 407 solution saves a lot of time in both application and use

USES

To remove polysulfide, polythioether 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 406 & 407 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 406 or 407** into a pot or container.
- Replace lid to prevent spillage.
- Using a suitable brush, dab the **SKYRESTORE 406 or 407** 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 406 or 407** 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 406 & 407 5 liter bottle is dispensed using a screw-on pump for safe and controlled handling.*

TECHNICAL CHARACTERISTICS

Product Characteristics	1L LIQUID Gel (406-1)	5L LIQUID Gel (406-5)	1L Gel (407-1) Available Q4 2023	5L Gel (407-5) Available Q4 2023
Appearance	Slightly Opaque Liquid gel	Slightly Opaque Liquid gel	Slightly Opaque Gel	Slightly Opaque Gel
Liquid Volume	1 litre	5 litres	1 litre	5 litres
Viscosity (cPs (LV4 30 rpm))	2,000-8 ,00	2 000-8 00	10 000-30 000	10 000-30 000
VOC Content (grams)	317 g/l	317 g/l	293 g/l	293 g/l
Odour	Slight amine odour	Slight amine odour	Slight amine odour	Slight amine odour
pH	9	9	9	9
Flash Point	79 °C / 174.2 °F	79 °C / 174.2 °F	79 °C / 174.2 °F	79 °C / 174.2 °F
Avalability	AVAILABLE	AVAILABLE	Not available (for Q4-2023)	Not available (for Q4-2023)

PRECAUTIONS FOR USE AND STORAGE

Store in a cool, dry place in original packaging. Use at ambient temperature. 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

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