

Approvals and conformities

ASTM International	ASTM F 945-06
BOEING	Conforms to BOEING D6-17487 (Superseded by BSS 7432)
CFM INTERNATIONAL	CP 2776
GE	C 04-304, SPM 70-23-01
PRATT & WHITNEY	SPMC 250-1, CoMat 01-120K (V2500)
ROLLS ROYCE	oMat 1/226Q
SAE	ARP 1755B (conformity)
SAFRAN AIRCRAFT ENGINES (formerly SNECMA)	DMR 70-129
SAFRAN HELICOPTER ENGINES (formerly TURBOMECA)	CCT LB 540 / RTC 70-20-60-330-801
SAFRAN LANDING SYSTEMS (formerly MESSIER-DOWTY)	Conform to PCS 2700 appendix A

KEMSTRIP 600 is a hot, bi-phase, **NEP and NMP free** paint remover for tank applications. **It is OEM approved for the aerospace industry.**

Advantage / Benefits:

- **High efficiency** on thick or multi-layered paints such as alkyddes, alkyde-urethanes, polyurethanes, epoxies, acrylics, etc.
- Specifically intended to **replace NMP based paint remover**. Registered in the SVHCs list (Substances of Very High Concern), within the frame of REACH regulations, NMP is restricted since May 2020.
- Also free from NEP (Classified as CMR, Toxic to Reproduction), Methylen chloride or phenolic substances
- Applicable on titanium, steel, aluminium and magnesium alloys in the industry
- For aerospace industry, specifically applicable to **landing gears, wheels, engine parts** for tank applications
- Also applicable as **heavy duty carbon remover, cured sealant remover** and organic cured coating or adhesives
- Bi-phase, an oil seal layer delays the evaporation of the solvents contained in the bath as well as reduce odours coming from the bath

KEMSTRIP 600 is a product from the MagChem range.

USES

This product is formulated

- to remove a wide variety of coatings such as phenolic, acrylic and nitrocellulose lacquers, polyurethanes and epoxies. These are the types of finishes commonly used on aircraft surfaces and engine components, such as impeller blades, transfer cases, diffuser cases, transmission gear boxes, wheels and landing gears.
- to remove sealants from fasteners / clecos and application materials.

DIRECTIONS FOR USE

KEMSTRIP 600 is a complete and ready-to-use product. It is made of:

- an active layer **KEMSTRIP 015**
- an anti-evaporation oil seal layer **OIS-96** or **ADDICAP 2**.
- an alkaline additive **A-96**

For bath adjustment with these additives, please see bath maintenance section below.

TANK EQUIPMENT

- The tank, pumps and pipes must be made of stainless steel 316 L. **KEMSTRIP 600** is not compatible with most plastics and rubber
- Use preferably a tank with a tight fitting lid and a ventilation device. The use of a tank with conical bottom is recommended to facilitate cleaning of sludge and paint residues periodically. Replenish with **KEMSTRIP 600** to adjust the bath level after removing sludge.
- Work may be accelerated by agitating the bath with a fluid recirculation pump or by means of a low speed paddle. Avoid excessive agitation that disturbs the oil seal layer. The use of laminar agitation is recommended.

BATH MOUNTING AND USE

- Fill the tank with **KEMSTRIP 600**. Pour all contents from the packaging, ensuring complete evacuation of the anti-evaporation layer.
- The range of operational temperature is 80-110°C (176 - 230°F), depending on the type of paints and their thickness. In extremely difficult stripping operations, the temperature may be raised to 115°C (240°F) maximum.
- **Parts should be pre-cleaned with SYNCLAIR A/C or SOLUWAX, rinsed and drained and free of moisture before immersion in KEMSTRIP 600. Never introduce water in the bath, otherwise corrosion or a discolouration may occur on some metallic parts.**
- Once paint layers are loosened or dissolved, rinse with water pressure jets and/or with **SYNCLAIR A/C, SOLUWAX** or **HDL-370**.
- Always immerse parts completely under the interface between the stripper and the oil seal.
- After rinsing, ferrous metals should be coated with a rust preventive film to prevent corrosion of stripped parts.

BATH MAINTENANCE

- **Bath level**

Empty regularly and thoroughly sludges resulting from the stripping in the tank bottom (conical preferably), then add some **KEMSTRIP 015** to bring the bath to its original level.

- **Thickness of the anti-evaporation layer**

The thickness of the superficial layer should be maintained or reinforced (20cm / 8 inches minimum) by adding **ADDICAP 2** or **OIS-96** to prevent the evaporation of the active layer.

- **Action and performance of the active layer**

Measure out the bath and adjust the alkalinity with **A-96** if necessary, using the "control test" method.

TECHNICAL CHARACTERISTICS

KEMSTRIP 600 appearance	two-phase liquid
KEMSTRIP 600 specific gravity	(average at 20°C/68°F) 1
KEMSTRIP 600 flash point	(ISO 2592) with oil seal: 130°C (266°F)
KEMSTRIP 600 Freeze-thaw stability	stable
KEMSTRIP 015 appearance	clear liquid
KEMSTRIP 015 specific gravity	(average at 20°C/68°F) 1.1
KEMSTRIP 015 flash point	(ISO 2592) 85°C (185°F)
KEMSTRIP 015 Freeze-thaw stability	stable
ADDICAP 2/OIS-96 appearance	clear liquid
ADDICAP 2/OIS-96 specific gravity	(average at 20°C/68°F) 0.9
Point éclair ADDICAP 2/OIS-96	(ISO 2592) 270°C 518°F)
ADDICAP 2 (OIS-96) Freeze-thaw stability	stable
A-96 appearance	clear liquid
A-96 specific gravity	(average at 20°C/68°F) 1.0
A-96 flash point	(ISO 2592) 95°C (203°F)
A-96 Freeze-thaw stability	stable

PRECAUTIONS FOR USE AND STORAGE

For more information regarding the danger of the product, please consult the product safety data sheet according to local regulation.

For professional use only.

This technical data sheet replaces and cancels the previous one.

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