



APPLICATION INSTRUCTIONS FOR *ELIXAIR - SKYRESTORE, SKYWASH & SKYWIPES*

A. **SKYRESTORE** - Used to remove fully cured polysulphide sealant material (PRC) from aircraft structures and components. SkyRestore can be procured in two thicknesses, the standard thickness, which is used for flat and level surfaces, and the extra-thick product, which should be used on vertical or overhead applications.

NOTE: Before using SkyRestore ensure that all personal safety procedures are carried out in accordance with the applicable Material Safety Data Sheets (MSDS) (US) & Workplace Hazardous Material Information System (WHMIS) (Canada) data.

1. Prior to using Sky-Restore, where accessible, penetrate the glaze on the top of the polysulphide sealant by scoring with the edge of a non-metallic scraper or by brushing with an approved aluminum bristle brush. Then apply SkyRestore directly and liberally onto the cured polysulphide sealant that is to be removed. This manual scoring with the edge of the non metallic scraper will assist in the removal of accessible polysulphide sealant and will decrease the dwell time for removal. When applying SkyRestore it should be applied as thick as the material being removed.

CAUTION: Avoid contact with transparencies due to possible crazing.

2. Using stiff non-metallic brush apply SkyRestore onto the surface of the cured polysulphide sealant (PRC), ensuring that the SkyRestore is thoroughly spread over the surface of the area.

3. Leave the SkyRestore on the sealant surface for approximately 40 minutes, agitating with a non-metallic brush approximately every 10 minutes until sealant becomes dissolved, keep area moist by reapplying SkyRestore if required during this process until sealant is ready to be removed.

CAUTION: Do not leave SkyRestore on filleted areas around inter-fayed surfaces longer than 8 hours "**MAXIMUM**". If left longer the effectiveness of the existing sealant adhesive properties in these areas may be degraded.

NOTE: The dwell time interval for SkyRestore to be effective will depend on the age, thickness and type of polysulphide sealant.

4. Using non-metallic scrapers or Boeing approved SkyScrapers, remove the sealant. Remove all traces of polysulphide sealant and SkyRestore with SkyWash or SkyWipes.

NOTE: If necessary and using a suitable pneumatic drill with a non-metallic spark proof nylon brush attachment remove any excess sealant from around rivet heads and surrounding skin surfaces. Remove all traces of sealant and SkyRestore with SkyWash or SkyWipes.

5. If necessary repeat steps 1 to 4 to ensure all polysulphide sealant material is removed.

NOTE: For cleaning small components away from the airframe i.e.: Cleco's, nuts and bolts, it is normal practice to decant SkyRestore into a suitable container and immerse components for a period of time, prior to removal of sealant with brush, non-metallic scrapper, or high pressure water. SkyRestore used this way must be re-sealed at the end of the working day and should be used again for the same system of polysulphide removal. Any sealant contamination in the SkyRestore should be removed by using a medium gauge sieve.



B. **SKYWASH** - is neutralizing water based, non-toxic, cleaning agent, that will remove uncured Polysulphides, RTV's, grease, oil, mastics and part-cured paints. SkyWash is the complementing water based product that removes all residues of SkyRestore and polysulphide sealants after applying SkyRestore. SkyWash can be used instead of hazardous MEK for cleaning all surfaces prior to resealing and painting.

NOTE: Before using SkyWash ensure that all personal safety precautions are carried out in accordance with applicable MSDS/WHMIS data.

1. Apply SkyWash by pouring directly onto the area or by decanting into an appropriate spray container and spraying the SkyWash onto the area.

CAUTION: Avoid all contact with transparencies due to possible crazing.

2. Using an approved lint free cloth or SkyWipes thoroughly clean the area until free of sealant residue.

3. For general cleanup after applying polysulphide sealant, SkyWash can be used to clean tooling and sealant containers as needed.

C. **SKYWIPES** - Are approved lint free wipes that are saturated with SkyWash water based cleaning agent. SkyWipes are packaged in a convenient 300, 100 or 50 flat pack-wipe resealable containers. SkyWipes are non-toxic, non-hazardous and are safe to remove uncured polysulphide sealants and RTV on aircraft structure/components, tooling and from hands. SkyWipes can be supplied with or without a lanolin additive. SkyWipes can be used for cleaning of any surface prior to painting and resealing instead of hazardous MEK

NOTE: Before using SkyWipes ensure that all personal safety precautions are carried out in accordance with applicable MSDS/WHMIS data.

1. Before using thoroughly saturate wipes by shaking tub before use.

2. Pull out wipe and tear at serrated joint.

3. Remove the uncured polysulphide sealant or RTV material by wiping the surface until free of sealant residue.

CAUTION: Avoid contact with all transparencies due to possible crazing.

4. For general cleanup after applying sealant, SkyWipes can be used to remove uncured sealants from hands & tooling.

NOTE: To ensure residue free clean up on surfaces use SkyWipes without lanolin.

D. **STORAGE:** If possible keep SkyRestore, SkyWash & SkyWipes in their original containers. All containers must be tightly closed and labeled appropriately. Please store in a cool, dry, well ventilated area away from oxidizing materials to prolong the product shelf life.

E. **APPLICABLE PART NUMBER (P/N) AND NATO STOCK NUMBER (NSN) INFORMATION:**

1. SKYRESTORE, 5 Liter (Thin) - P/N LM306/5, NSN: 8030-01-466-1648
SKYRESTORE, 6 X 1 Liter (Thin) - P/N LM306/1, NSN: 8030-01-466-4432
SKYRESTORE, 5 Liter (Thick) - P/N LM307/5, NSN: 8030-01-466-1649



SKYRESTORE, 6 X 1 Liter (Thick) - P/N LM307/1, NSN: 8030-01-466-4433

2. SKYWASH, 5 Liter - P/N LM308/5, NSN: 8030-01-466-1647
SKYWASH, 6 X 1 Liter - P/N LM308/1, NSN: 8030-01-466-4431
3. SKYWIPES, 300 per Tub (With Lanolin) - P/N LM602/1, NSN: 8030-01-466-1644
SKYWIPES, 300 per Tub (Without Lanolin) - P/N LM602/2, NSN: 8030-01-466-1646
SKYWIPES, 100 per Tub (Without Lanolin) - P/N LM 602/4 NSN8030-01-477-7897
SKYWIPES, 50 per Flat Pack (Without Lanolin) P/N LM 602/5

Please direct any questions/comments regarding Elixair products or application procedures to:

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