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Description: Environmentally Advantaged Paint Softener/Remover
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Technical Process Bulletin

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TURCO 1270-6
Environmentally Advantaged Paint Softener/Remover

DESCRIPTION:

TURCO 1270-6 is a viscous white emulsion that does not contain any of the hazardous or highly toxic components of conventional paint removers. It is free of aromatic hydrocarbons, chlorinated solvents, phenol, and chromates.

TURCO 1270-6 was developed as a paint softener to be used in combination with blast media and high pressure water. However, with sufficient time and/or elevated temperatures TURCO 1270-6 can remove selected paint systems without the necessity for blasting or high pressure rinsing. It is particularly effective in selective removal of topcoats from painted composites which employ a "nylon type" intermediate barrier coat. For other systems, both the topcoat and the intermediate primer may be removed leaving the chromated primer intact.

FEATURES:

TURCO 1270-6 offers these features:

- NESHAP compliant - no HAPs
- Allows stripping of topcoat and intermediate coat without stripping primer
- Minimizes hazards in work area
- Safe on aircraft metals, including magnesium and high strength steel

USE INSTRUCTIONS:

Apply TURCO 1270-6 to the paint surface with a Graco (or equivalent) 10:1 barrel pump equipped with a Teflon lined, stainless steel braided solvent resistant hose fitted with a stainless steel spray wand and a 6520 to 9520 non-atomizing spray tip. The first application should be a very light light film (only heavier than a mist coat).

The following order of application is preferred, 1) the belly of the aircraft, at the lowest of the keel line in both directions towards the nose and tail respectively; 2) the bottom surface of the wings; 3) the crown and sides

of the fuselage; 4) the top surface of the wings and; 5) the empennage or tail section. Allow the mist coat to dwell 30-60 minutes prior to application of the first stripping coat. If using blasting or high pressure rinsing (preferably hot), allow the first strip coat to dwell several hours to soften the paint prior to rinsing.

Otherwise, allow the strip coat to dwell for sufficient time to lift the paint.

If the stripper becomes transparent, remove with scrapers or squeegees and re-apply. Only after the final coat of stripper has been applied and sufficient time allowed for the paint to be removed, but not before, then rinse with water.

The use of scrapers or squeegees avoids the generation of large volumes of waste water to be treated. Paint residues may contain pollutants and although relatively non-toxic, TURCO 1270-6 contributes a considerable BOD/COD value to waste water.

DISPOSAL INFORMATION:

Dispose of spent remover and paint residue per local, state and regional regulations. Refer to HENKEL TECHNOLOGIES MATERIAL SAFETY DATA SHEET for additional disposal information.

CAUTION!

The ingredients used in TURCO 1270-6 are considered to be relatively nonhazardous, as defined by the US Department of Labor, Occupational Safety and Health Administration, U.S. Department of Transportation, and U.S. Environmental Protection Agency under RCRA. However, as in the case of any chemical compound, good industrial practice is to avoid contact with eyes, skin and clothing. In case of contamination wash with copious amounts of soap and water. For eye contact obtain medical attention.

Protective equipment, such as a chemical face shield or goggles, gloves and apron should be worn when handling this product.

Before using this product refer to container label and HENKEL TECHNOLOGIES MATERIAL SAFETY DATA SHEET for additional precautionary, handling and first aid information.

NOTICE:

The above information and recommendations concerning this product are based upon our laboratory tests and field use experience with this or similar products. However, since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied. Manufacturer's and seller's sole obligation shall be to replace that portion of the product shown to be defective. Neither shall be liable for any loss, damage, or injury, direct or consequential, arising out of the use of this product.

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