



Technical Information Bulletin

TURCO[®] 1270-5

ENVIRONMENTALLY ADVANTAGED WATER-BASED PAINT SOFTENER/REMOVER

DESCRIPTION:

TURCO 1270-5 is a viscous white to light brown emulsion that does not contain any of the hazardous or highly toxic components of conventional paint removers. It is free of chlorinated solvents, phenol, chromates, free alkali and free acid. Under most federal regulations, TURCO 1270-5 is classified as non-hazardous.

TURCO 1270-5 has an extremely low evaporation rate and will remain active for more than 24 hours.

Initially TURCO 1270-5 was developed as a paint softener to be used in combination with blast media and high pressure water. In practice, however, it became evident that with sufficient time and/or elevated temperatures, certain paint system were removed without the necessity of blasting or high pressure rinse. In particular, it may be used to effectively strip the "intermediate" coat in the stripping process whereby an easily removable intermediate coat is applied between the polyurethane top coat and a more resistant chromate primer. In the stripping process, only the topcoat and the intermediate coat are stripped, leaving the chromate primer to be re-coated.

FEATURES:

TURCO 1270-5 offers these features:

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

USE INSTRUCTIONS:

TURCO 1270-5 is a very viscous liquid and should be applied by flow or non-atomizing spray. Allow to dwell for sufficient time to soften or lift the paint. A few hours will be sufficient to prepare for blasting or high pressure rinsing (preferably hot). Overnight may be required if the paint system is to be removed completely by the paint remover action. (Scratching of the conditioned paint after a few hours will accelerate the process considerably.) Although TURCO 1270-5 can be rinsed off with water, the majority of the paint remover should be removed with scrapers or squeegees. This avoids the generation of large volumes of waste water to be treated. Paint residues may contain pollutants and although relatively non-toxic, TURCO 1270-5 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 TURCO MATERIAL SAFETY DATA SHEET for additional disposal information.

CAUTION!

The ingredients used in TURCO 1270-5 are considered to be relatively non-hazardous, 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 TURCO 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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