



Technical Information Bulletin

TURCO® Fabrifilm

SOLVENT BASED, ALKALINE REMOVABLE, PROTECTIVE COATING

DESCRIPTION:

TURCO Fabrifilm is a dark brown-orange solvent based alkaline removable coating especially formulated to protect aluminum and other solvent resistant surfaces from abrasion, scuffing and corrosion during in-plant processing and storage. TURCO Fabrifilm may be applied to properly cleaned stock, as it comes into the plant and can be left on the stock during storage and fabrication.

TURCO Fabrifilm is not recommended for use on plastics or other surfaces affected by strong solvents and contains photochemically reactive solvents.

LIQUID PROPERTIES:

Viscosity, #4 Ford Cup:	17 ± 3 sec.
Solids by weight:	20%: ± 1%
Solids by volume:	15%: ± 1%
Coverage, sq. ft/gal.1 mil dry film:	240
Weight per gallon:	7.2: ±0.2 lbs.
Color:	Dark brown-orange
Flash point Seta Method:	23°F
Storage life:	1 year

DRY FILM PROPERTIES:

Appearance:	Golden, transparent
Adhesion: Tape test	Pass (24 hr. immersion in distilled water@ room temperature after 1 hr. recovery.)
Bend test, 3/16" mandrel:	Pass
Reverse impact:	pass 20 inch-pounds
Reverse impact:	failed 25 inch-pounds
Removable after 3 hrs. @ 350°F:	Ok
Weather resistance, 3 months outdoors:	Ok
Pencil hardness:	B

TURCO Fabrifilm is resistant to aliphatic solvents, petroleum based oils and mild acids. The above tests were performed using 2024 Glad AAQ panels.

USE INSTRUCTIONS:

Pre-cleaning: The parts to be coated must be free of dirt, grease, forming lubricants and oils. Your TURCO Territory Manager can recommend suitable TURCO cleaners based on your production needs.

Spray Application: Use standard pressure pot or siphon cup equipment such as Binks or De Vilbiss. The Binks #19 Gun with a #66 fluid nozzle, a #66 SB Air nozzle and a #15 needle may be used. Cold airless equipment such as Graco 28:1 President pump, Reflex gun and spray tips such as #163-617, 163-621 or 163-817 may also be used. An air line pressure of 80 psi min. a fluid line pressure of 1 000 psi is recommended. Several box coats may

be necessary to obtain the desired dry film thickness. TURCO Fabrifilm dries to handle in 15 minutes or it may be force dried at 160°F, with good ventilation, in 5 to 10 minutes.

Removal: TURCO Fabrifilm Remover has been especially formulated for quick removal of TURCO Fabrifilm. This thick liquid clings to vertical and overhead surfaces and removes the film even after the film has been exposed to heat. After application allow remover to dwell on the surface 5 to 15 minutes. Rinse coating and remover from parts with high-pressure water

Brushing on TURCO Kwik-Solv and wiping with a clean, dry cloth can accomplish spot removal.

DISPOSAL INFORMATION:

Dispose of spent solution per local, state and regional regulations. Refer to your local TURCO Territory Manager, District Sales Office, OSHA Form 20 SHEET or TURCO Material Safety Data Sheet for additional disposal information.

CAUTION:

TURCO Fabrifilm contains acetone, alcohol and aromatic petroleum solvents. Avoid contact with eyes, skin and clothing. Do not take internally. Use with adequate (equivalent to outdoor) ventilation. Do not spray in closed or confined areas

Protective clothing such as a chemical face shield or goggles, gloves, boots and apron, made of solvent resistant neoprene, should be worn when using and handling this product. A facemask with an organic vapor canister is recommended when misting conditions occur.

Do not store or use near open flames or other ignition sources, such as sparks and welding torches, since material is flammable.

Store and ship in closed containers at temperatures less than 100°F.

Use care in opening containers to avoid spurting.

Refer to container label, TURCO Material Safety Data Sheet of OSHA FORM 20 SHEET for additional precautionary, handling and first aid information.

NOTICE:

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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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