



Technical Process Bulletin

Technical Process Bulletin No. 239320

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TURCO® 5351 (T-5469)

NEUTRAL REMOVER FOR EPOXY AND POLYURETHANE COATINGS

DESCRIPTION:

TURCO 5351 (T-5469) is a yellow, viscous paint remover developed to remove epoxy, polyurethane and similar coatings from metal surfaces at ambient temperatures.

TURCO 5351 (T-5469) clings to vertical and overhead surfaces and forms a surface film that helps retard evaporation and extend the working life of the stripper. TURCO 5351 (T-5469) should not be used on material that are affected by chlorinated hydrocarbons.

FEATURES:

TURCO 5351 (T-5469) offers these features:

1. Nonflammable
2. Used as received, No mixing or dilution required
3. Applied by nonatomizing spray, brushing or flow-on methods
4. Rinsed from surfaces by high pressure cold water
5. Can be used on high strength steel
6. Chemically neutral
7. Meets SCAQMD requirements: 197 grams VOC per liter of material, VOC vapor pressure <0.1 mm Hg at 20°C
8. Listed on T.O. 4W-1-61 (Brush-On), T.O. 1-1-8, Boeing BAC 5725, General Electric 70-80-04, McDonnell Douglas DPM 5549

CORROSION DATA:

One by two inch panels, fabricated from the below listed metals, were immersed in TURCO 5351 (T-5469) for 7 days @ 40°C. Weight changes in mg, per panel were as follows:

Magnesium	0.1 mg	2024 Bare Aluminum	0.1 mg
1100 Aluminum	-0.1 mg	Cadmium Plated	-0.1 mg
1020 Steel	0.1 mg	2024 Alclad	-0.4 mg
Tin	-0.1 mg	7075 Bare Aluminum	-0.4 mg
Dow #7	0.0 mg	7075 Alclad	-0.7 mg

HIGH STRENGTH STEEL TESTS:

TURCO 5351 (T-5469) passes the following tests:

1. "C" Ring Embrittlement tests, per MIL-R-81294C.
2. Douglas Stressed Ring Test, per C.S.D. #1.
3. ASTM F-519, Type 1A-Sustained Load in Tension.

USE INSTRUCTIONS:

Apply a thick coating by means of a nonatomixing spray or by brushing. Allow sufficient time for remover to thoroughly loosen paint. When paint is loose, agitate all areas with a stiff bristle brush to insure complete removal of all paint.

Rinse TURCO 5351 (T-5469) and paint residue with high pressure, high volume water or with steam. Slight brushing during rinsing aids in complete removal of all residues.

DISPOSAL INFORMATION:

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

DANGER! POISON! Rapidly absorbed through skin. Causes severe burns. Harmful or fatal if swallowed. Prolonged exposure to high concentrations of vapor may cause irritation to eyes and respiratory tract.

TURCO 5351 (T-5469) contains methylene chloride, phenol and sodium chromate. Avoid contact with eyes, skin and clothing. Do not take internally. Use with adequate (equivalent to outdoor) ventilation. Avoid breathing vapors.

Protective clothing, such as a chemical face shield or goggles, gloves, boots and apron, made from solvent-resistant materials, should be worn when handling this product.

Do not use TURCO 5351 (T-5469) near welding arcs, torches and open flames since hazardous gases may be formed.

Containers exposed to moderate heat, above 30°C may develop sufficient internal pressure to rupture. Use care in opening containers to avoid spurting of contents.

Before using this product refer to container label and HENKEL SURFACE 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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"The information presented herein is our interpretation of certain test results and field experience to date. This information is not to be taken as warranty or representation for which we assume legal responsibility, nor as permission or

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