



# TURCO<sup>®</sup> 6045

## SILICONE RUBBER REMOVER

### DESCRIPTION:

TURCO 6045, a thin, light amber to dark brown liquid, is an acid-activated product for the dissolution removal of silicone rubber, such as RTV and Silicoset, from jet engine parts. Silicone rubber is removed from jet engine parts during overhaul to facilitate inspection and rework.

### FEATURES:

TURCO 6045 offers these features:

1. Used as received, at room temperature
2. Does not contain chlorinated solvents, phenol, chromate or phosphate
3. Approved by Pratt & Whitney for silicone rubber removal from titanium under SPMC 00056
4. Passes Boeing "U" Bend Test for titanium at 540°C for 4 hours

Tested in accordance with Pratt & Whitney Facility Planning Information Letter #13 at 40°C for 3 hours, the following results were obtained:

	Mils Penetration	Allowed
Titanium	0.004	0.05
1010 Steel	0.001	0.05
2024 Bare Aluminum	0.002	0.05
7075 Bare Aluminum	0.003	0.05
6061 Bare Aluminum	0.003	0.05
Stainless Steels	0.001	0.05
7075 Anodized Aluminum*	0.005	0.05

\* To preclude staining, cycle time should not exceed 4 hours.

### USE INSTRUCTIONS:

**Concentration:** Use as received at room temperature.

**Equipment:** Tanks and associated equipment should be fabricated from 316 stainless steel or rigid polypropylene. A cover is suggested to minimize evaporation of the compound.

### Cleaning Procedure:

1. Submerge parts completely for ½ to 1½ hours until the silicone rubber is dissolved.
2. Air and water or solvent spray rinse.

**Storage:** TURCO 6045 may be stored at temperatures of 5° to 50°C without detrimental effect.

**Limitations:** Not for use on high strength steel. Do not contaminate the solution with water as this may cause it to become corrosive to reactive metals.

### DISPOSAL INFORMATION:



Dispose of spent solution per local, state and regional regulations. Refer to TURCO MATERIAL SAFETY DATA SHEET for additional disposal information.

**CAUTION!**

TURCO 6045 contains aliphatic petroleum solvent and dodecyl benzene sulfonic acid. Avoid contact with eyes, and skin. Do not take internally. Use with adequate (equivalent to outdoor) ventilation.

Protective clothing, such as a chemical face shield or goggles, and gloves made from solvent resistant materials should be worn when handling this product. A NIOSH-approved respirator should be used if working in confined areas or during mist conditions.

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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