PRODUCT BULLETIN

April 2020

THERMA*CLEAN*® EP 095-0049

Nonhazardous Solvent-Based Cleaner

DESCRIPTION

THERMA*CLEAN*® EP 095-0049 is a nonhazardous, nonflammable, solvent-based cleaner designed for cleaning both liquid and cured epoxy resin and other hard to clean resins and coatings.

BENEFITS & FEATURES

- Effective Cleaner with powerful and fast cleaner that also minimizes health, safety and regulatory concerns compared to other cleaning products
- Nonflammable which eliminates the risk of fire from flammable solvents; may lower insurance costs
- Reduced solvent loss, lowered cost and minimized VOC emissions due to low evaporation rate
- Worker Friendly with improved worker safety compared to alternative cleaning products
- Economical and can be diluted with water
- Nonhazardous by DOT Regulation with safer to shipping and storage

PROPERTIES – LIQUID

Property(1)	**Unit**	**095-0049**
Appearance	-	Pale green liquid
Odor	-	Sweet
Flash Point	°C/°F	100/212
Boiling Point	°C/°F	196/384
Specific Gravity	g/cm^3	1.1 (H20 =1)
Evaporation Rate	-	< 0.1 (nBuAc = 1.0)
Solubility in Water	-	Miscible
Weight per Gallon	lbs/gal	9.0

1) All properties at 25°C/77°F unless otherwise noted

APPLICATION

For tools and parts:

1. Use “as is” at room temperature or heated in a dip tank.
   - If heated, may dilute 1-part THERMAL*CLEAN*® EP with up to 5 parts water. Recommended temperature between 120-140°F. Maximum temperature 180°F.
2. Brush or scrape clean and rinse in clean water. If contaminant is solid, then soak first.
3. Air or wipe dry.

For process equipment (spray, mixing, etc.):

1. Use "as is" at room temperature or heated.
   - If heated, may dilute 1-part THERMAL*CLEAN*® EP with up to 5 parts water. Recommended temperature between 120-140°F. Maximum temperature 180°F.
2. Flush through equipment until clean.
3. Air purge to dry.

For totes, tank wagons, kettles, etc.:

1. Use "as is" at room temperature or heated in a closed system - no operator contact.
   - For heated use it may be diluted up to 1-part THERMAL*CLEAN*® EP with 5 parts water. Heat up to 180°F.
2. Can use high pressure spray (up to 300 psi).
3. Rinse with water.
4. Air or wipe dry.

Refer to Polynt's Composites Applications Guide ("Cookbook") for equipment and application recommendations. Each user must determine the suitability of this product to his/her particular mode of operation and intended end-use application. A Polynt representative will be available to assist in the proper selection of all Polynt-Reichhold products available for commercial use.

SHELF LIFE & STORAGE

The shelf life of THERMA*CLEAN*® EP is 365 days from the date of manufacture from Polynt. To maximize usage life and maintain optimum properties, THERMA*CLEAN*® EP should be stored in the original closed container at temperatures below 38°C/100°F and above 0°C/32°F, and away from ignition sources and sunlight. Keep containers tightly closed and upright to prevent leakage.

Dispose of liquid and solid wastes in accordance with local, state, and federal regulations. Wastewater may be treated as standard sewage in many areas. Local sewer district/Publicly Owned Treatment Works (POTW) approval is required.

SAFETY & WARRANTY

To receive a copy of our safety and warranty information, please email safetyandwarranty@polynt.com.