PRODUCT BULLETIN

May 2020

THERMA*CLEAN*® UNI*SOLVE*™ EX 095-0102

Nonhazardous Solvent-Based Cleaner

DESCRIPTION

THERMA*CLEAN*® UNI*SOLVE*™ EX 095-0102 is a universal nonhazardous, solvent-based cleaner that is an efficient and cost-effective replacement for highly flammable and/or hazardous solvents. It can be used for cleaning tools, spray equipment, mixing equipment, and other process equipment, including marble matrix continuous mix machines, and filament winding equipment.

UNI*SOLVE*™ EX is formulated with a unique anti-gelling chemistry for higher resin loading capacity, extending the useful life of the product in batch cleaning operations (dip tank cleaning of tools and equipment).

BENEFITS & FEATURES

- Extra strength cleaner does it all. No need to stock or use several different cleaners; saves time and money
- High flashpoint which reduces the risk of fire from flammable solvents; may lower insurance costs
- Low evaporation rate reduces solvent loss, lowers cost, and minimizes VOC emissions
- Worker friendly with improved safety compared to alternative cleaning products
- Nonhazardous by DOT regulation with safer shipping and storage

PROPERTIES – LIQUID

Property(1)	Unit	095-0102
Appearance	-	Clear liquid
Odor	-	Sweet
Flash Point	°C/°F	88/190
Boiling Point	°C/°F	187/369
Specific Gravity	g/cm^3	1.06
Evaporation Rate	-	< 0.1 (nBuAc = 1.0)
Solubility in Water	-	Partially miscible
Weight per Gallon	lbs/gal	8.81
VOC	%	25 (2.20 lbs/gal)

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

APPLICATION

For tool and equipment cleaning:

- Can be used in a dip tank for soaking and cleaning tools.
- Use “as is” at room temperature. Do not dilute with water.
- Dry rollers before using on resin.

For gun flushing:

- Flush through spray equipment in the same manner as acetone or methylene chloride.
- Use "as is" and flush until clean.
- Purge with air after flushing to thoroughly dry equipment.
- Safe for use with most elastomeric gaskets and seals. Not for use with Viton® and polyurethane components.

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*® UNI*SOLVE*™ EX 095-0102 is 365 days from the date of manufacture from Polynt. To maximize usage life and maintain optimum properties, THERMA*CLEAN*® UNI*SOLVE*™ EX 095-0102 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.