



PRODUCT INFORMATION

HIGH TECHNOLOGY MATERIALS

META-TERGE 1492 CLEAN-UP DETERGENT WITH HIGHER FLASH POINT FOR UNCURED EPOXY, URETHANE AND SILICONE RESINS

PRODUCT DESCRIPTION

Mereco **Meta-Terge™ 1492** series is the newest, product in a series of efficient, high strength clean-up detergent concentrates made by Mereco Technologies. **Meta-Terge™ 1492** will remove uncured epoxy, urethane, silicone, polyester, acrylic and other resins and greases, and eliminates the need to use chlorinated solvents as well as other potentially hazardous glycol-ether cellosolve based solvents. It also replaces flammable solvents such as acetone or MEK, and aromatic hydrocarbons such as toluene, xylene, and benzene. Meta-Terge™ 1492 does not contain any reportable amounts of Section 313 materials! Only a small amount of **Meta-Terge™ 1492** is needed to disperse substantial resin accumulations, making clean-up of mixing equipment, resin dispensers, scales, tools, benches, mixing containers, and work areas very quick, efficient and economical.

HIGHER FLASH POINT!

The higher Flash Point (200°F) and lower volatility of **Meta-terge™ 1492** are especially desirable features in areas where hazardous or flammable solvents are presently used.

FLASH POINT DATA

Cleaning Agent	Fl. Pt °F	Ft. Pt. °C
Meta-terge™ 1492	200	93.3
Xylene	63	17.2
Isopropyl Alcohol	53	11.6
Toluene	40	4.4
Methyl Ethyl Ketone (MEK)	23	-5.0
Acetone	0	-17.7

NO CHLOROFLUOROCARBONS!

Meta-Terge™ 1492 does not contain any chlorofluorocarbons or chlorinated hydrocarbons, and may be used to replace these solvents which have been determined to be harmful to the earth's ozone layer.

GEL VERSION AVAILABLE!

For "No-drip" cleaning and cleaning of vertical surfaces, **Meta-Terge™ 1492 Gel** is recommended. Based on the same active ingredients as **Meta-Terge™ 1492**, the gel version is ideal for cleaning operations that require intimate or prolonged contact with uncured resin or soils. **Meta-Terge™ 1492** can be used to thin **Meta-Terge™ 1492 Gel**.

PRODUCT BENEFITS

- ⇒ One component system, no mixing or measuring
- ⇒ Available in liquid or gel
- ⇒ Dilutable in water
- ⇒ Higher Flash Point -200°F (93.3°C)
- ⇒ No CFC's or chlorinated hydrocarbons
- ⇒ No reportable levels of Section 313 materials
- ⇒ Blue color aids in clean-up process
- ⇒ Great replacement for all flammable solvents in clean-up operations
- ⇒ Synergistic with uncured resin or greases

HOW TO USE Meta-Terge™ 1492

General Clean-Up

1. Saturate shop cloth or brush with **Meta-Terge™ 1492**
2. Wipe excess resin away from parts (just as if it were grease in a frying pan)
3. Rinse the parts in water or wipe down with clean damp rag

Stubborn Clean-Up

1. Scrape away as much loose material as possible
2. Soak parts to be cleaned in **Meta-Terge™ 1492** for several hours, or apply **Meta-Terge™ 1492 Gel**
3. Scrub with bristle brush if necessary
4. Wipe with damp cloth or rinse under running water

Technical information and recommendations made by Mereco Division and Metachem Resins Corporation concerning products and uses or applications thereof, are based on reliable laboratory tests and are believed to be accurate. No warranty, however, is expressed or implied, nor is any warranty expressed or implied as to results to be obtained from use of said materials, whether used singly or in combination with other products. No statements made are to be construed as constituting a license under any existing patent.

FORM 1105 REV. 0

DILUTION WITH WATER

Meta-Terge™ 1492 can be diluted with water and it still retains the efficient detergency for difficult to remove materials, particularly uncured epoxy, urethane, and silicone resins, as well as sticky or greasy materials. **Meta-Terge™ 1492** provides a unique, synergistic solvent detergent action with water which “bites” into the uncured resins and converts them to miscible liquids. **Meta-terge™ 1492** can be diluted up to 50% with water to achieve efficient cleaning action, although the user should determine the best dilution ratio for their clean-up needs.

HARD TO REMOVE UNCURED SUBSTANCES REMOVED BY Meta-Terge™ 1492

Epoxy resins	Urethane resins
Silicone RTV's	Polyester resins
Cellulose base resins	Vinyl resins
Oil & Latex paints	Offset and duplicator
Polyamide resins	Inks

PACKAGING

Samples	4 oz. jars
Orders	Pint, Quart cans
	1 Gallons, 5 Gallons pails

Minimum order \$100.00

SAFETY AND HANDLING

Mereco **Meta-Terge™ 1492** has low volatility and does not readily burn. When diluted with water, the mixtures show much less tendency to burn. The concentrated product as supplied has a flash point of 200°F (93.3°C). While the solvent base is of minimum irritation potential and can be tolerated by most people at normal exposure levels, gloves should be worn to avoid prolonged skin contact. Skin patch testing is also recommended to determine if sensitivity exists. **Meta-Terge™ 1492** is best stored in the original container at temperatures from 0°C to 25°C. Consult the material safety data sheet before handling. Keep containers closed when not in use. Effective ventilation necessary. Goggles, gloves and protective clothing are recommended, and should be worn during handling or exposure.

MERECO SUPPORT

The wide use of epoxies, urethanes, silicones and other resins in manufacturing places demands on your time and resources. Therefore, you need a supplier that provides the products, technology, and resources capable of supporting you. Mereco Technologies provides you with a full range of support:

- **Applications:** Our highly skilled applications scientists will work with you on evaluations or process optimization. We can perform testing in your facility or in our labs.
- **Analysis:** Every batch of **Meta-Terge™ 1492** is analyzed to ensure you receive consistent, high quality material; Certificates of Compliance can be provided with each batch. Our quality group is available to answer your questions on testing procedures, specifications, and Total Quality programs.

- **Customer Service:** Experienced customer service representatives can help you with your orders, shipping information, product specifications and Certificates of Compliance.
- **Research and Development:** Our leading-edge research department is anxious to discuss any of your resin or cleaning applications that require new or special technologies.