



Stoner® E455 Thermoset Mold Release™



Product Description

Stoner® E455 Thermoset Mold Release™ is specially formulated as release agent and anti-stick lubricant for compression molded reinforced thermosets. It allows molded parts to be painted, plated, hot stamped, adhesive bonded, labeled, or otherwise decorated.

E455 Thermoset Mold Release™ contains no silicones or oils. It eliminates the need for paste or block wax releases. Because E455 provides a long lasting anti-stick film for fast, easy part removal from molds you should get multiple part releases per application. Used extensively in composites R&D labs.

E455 Thermoset Mold Release™ improves molding efficiency in many processes including injection, compression, vacuum form, and pour cast molding.

E455 Thermoset Mold Release™ ADVANTAGES:

- Saves time - lets parts release quickly and easily from molds.
- Allows molded parts to be painted, hotstamped, or otherwise decorated.
- Improves part appearance and reduces defects caused by sticking.
- Formulated to provide high levels of user and environmental safety.
- Contains no Class I or Class II Ozone Depleting Substances.
- Contains no chlorofluorocarbon (CFC) or hydrochlorofluorocarbon (HCFC) propellants or solvents such as HCFC 141b or HCFC 142b.
- Contains no chlorinated solvents such as 1,1,1 trichloroethane or methylene chloride.
- Contains no silicones or oils.

Uses

E455 Thermoset Mold Release™ is a paintable release agent and anti-stick lubricant for molding these materials:

- Plastics
- Composites
- Rubber

Direction for Use

Recommended Procedure

SHAKE WELL BEFORE USING. Hold can 10 to 12 inches from mold surface. Apply a sufficient release to “wet” the surface. Re-apply as needed, especially in stubborn areas. Over application will result in a white residue on the tool.

Storage and Handling

Do not puncture or incinerate container. Do not expose container to heat or store at temperatures above 120 °F. This product is classified as nonflammable by ASTM testing method D3065-01. However, contents of this container can ignite under certain circumstances. Keep container away from and do not use near sparks, open flame, heated surfaces, or other ignition sources.

Packaging

E455 Thermoset Mold Release™ is available in:

- 12 can case of 12 oz cans Part # E455
- 5-gallon pails & 55-gallon drum Part # M714

Technical Assistance

Call: 800-227-5538 or 1 (717) 786-7355
Email: TimeSaver@StonerSolutions.com
Visit: StonerSolutions.com

The information contained in this TDS is believed to be accurate and reliable. It is recommended that each user test the material and procedures prior to initial use. Nothing stated in this TDS is to be construed as a warranty either expressed or implied.