



459T

One Coat Primer

Description

Lord® 459T primer promotes adhesion to thermoplastic elastomers (TPE), polyolefins (TPO) and EPDM. Lord 459T primer is prediluted with toluene; ready for direct application.

Lord 459T primer can be used in conjunction with Lord acrylic adhesives, urethane adhesives, epoxy structural adhesives, and cyanoacrylate adhesives, as well as with a variety of double sided tapes.

Features and Benefits

Effective - very low dry film weights required to enhance adhesion with coatings and double sided tapes.

Versatile - enhances adhesion to difficult to bond elastomers, increasing the adhesion of adhesives, coatings and double sided tape.

Ready to Use - requires no dilution. Low viscosity. Easy to apply.

Typical Properties* of Lord 459T Primer

Appearance	Liquid
Color	Straw yellow
APHA Color	500 maximum
Viscosity, cP @ 25°C (77°F)	1 - 15
Density kg/m ³ lb/gal	863 - 875 7.2 - 7.3
Solvents	Toluene
Shelf Life	6 months from date of shipment, unopened container, at 21°C - 27°C (70°F - 80°F) storage temperature.

*Data is typical and not to be used for specification purposes.

Surface Preparation

Wipe the surface with a suitable solvent, or wash with detergent and water, then rinse.

Application

Apply Lord 459T primer by wiping, brushing, dipping or spraying. Lord 459T primer dry film thickness should be 2.54 - 7.62 microns (0.1 - 0.3 mil).

Curing

Air dry 5-30 minutes with good air flow, or use an oven at 49°C - 66°C (120°F-150°F) for 1 to 2 minutes. A heat cycle generally improves adhesion.

Clean Up

Clean up equipment with toluene, ketones, or alcohols.

Packaging

- 4 oz. bottle
- 1/2 Pint Container (0.24 Liter)
- 1 Gallon Container (3.8 Liter)
- 5 Gallon Pail (19 Liter)
- 55 Gallon Drum (208 Liter)

Storage

Store Lord 459T primer at 21°C - 27°C (70°F - 80°F).

Cautionary Information

Before using this or any Lord product, refer to the Material Safety Data Sheet (MSDS) and label for safe use and handling instructions.

For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

Values stated in this bulletin represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact the Customer Service Department.

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For additional information, contact Lord Corporation at: 814/868-3611 ext. 3277, FAX: 814/864-3452 or write: Lord Corporation, 2000 West Grandview Blvd., P.O. Box 10038, Erie, PA 16514-0038.

The logo for Lord Corporation, featuring the word "LORD" in a bold, sans-serif font. The letter "O" is stylized with a circular cutout in the center.