



A brand of **ITW** Polymers Adhesives North America

## Technical Data Sheet

1/26/2012

# Liquid Release Agent

**Description:** A silicone compound used to coat metals to act as a release agent to stop epoxies and urethanes from adhering to parts.

**Intended Use:** Any metal surfaces, alloys, porous castings, rubber surfaces, plastics, and concrete that need to to have any polymers sticking to the surface

**Product features:** **Releases over multiple uses**  
**Silicone Oil**

**Limitations:**

**Typical Physical Properties:** *Technical data should be considered representative or typical only and should not be used for specification purposes.*

**Uncured**

**Flashpoint (TCC method) > 19 °F**

**Surface Preparation:**

1. Thoroughly clean the surface with Devcon® Cleaner Blend 300 to remove all oil, grease and dirt.

2. Grit blast surface area with 8-40 mesh grit, or grind with a coarse wheel or abrasive disc pad, to create increased surface area for better adhesion (Caution: An abrasive disc pad can only be used provided white metal is revealed). Desired profile is 3-5mil, including defined edges (do not "feather-edge" epoxy).

Note: For metals exposed to sea water or other salt solution, grit-blast and high-pressure-water-blast the area, then leave overnight to allow any salts in the metal to "sweat" to the surface. Repeat blasting to "sweat out" all soluble salts. Perform chloride contamination test to determine soluble salt content (should be no more than 40ppm).

3. Clean surface again with Devcon® Cleaner Blend 300 to remove all traces of oil, grease, dust or other foreign substances from the grit blasting.

4. Repair surface as soon as possible to eliminate any changes or surface contaminants.

**WORKING CONDITIONS:** Ideal application temperature is 55°F to 90°F. In cold working conditions, directly heat repair area to 100-110°F prior to applying epoxy and maintain at this temperature during product cure to dry off any moisture, contamination or solvents, as well as to achieve maximum performance properties.

**Mixing Instructions:**

**Application Instructions:** Take a clean lint-free cloth and pour a generous amount of Release Agent onto the cloth. Lightly rub out the part or piece of equipment gently, leaving a thin, shiny coat. Let dry!

**Storage:** Store at room temperature, 70 °F.

**Compliances:** None

**Chemical Resistance:** *Rating chemical resistance is not necessary for this product.*

**Precautions:** Please refer to the appropriate material safety data sheet (MSDS) prior to using this product.

**For technical assistance, please call 1-800-933-8266**

**FOR INDUSTRIAL USE ONLY**

**Warranty:** Devcon will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.

**Disclaimer:** All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Devcon makes no representations or warranties of any kind concerning this data.

**Order Information:**

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Information: | 19600 1 pt.