Technical Data Sheet
Version 3. 04/2023

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: Industrial Use: Any metal surfaces, alloys, porous castings, rubber surfaces, plastics, and concrete that need to prevent having any polymers sticking to the surface

Features:
Releases over multiple uses
Silicone Oil

Limitations: Suitability of product is determined by the end user for their application and process.

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 (> -7°C)

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 (38-43°C) 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: No Mixing required - Use adequate ventilation is necessary when mixing this product.----

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 (21°C).

Compliances: None

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

Precautions: **FOR INDUSTRIAL USE ONLY:** Please refer to the appropriate **S**afety **D**ata **S**heet prior to using this product.

Warranty: ITW Performance Polymers 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.

Order Information:

Item No.	Package Size
19600	1 pt. (0.47 L)

Contacts:

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