

Product Overview

APS-297 is a 100% active alkyl-aryl silicone fluid designed for use as a release agent for molded metal, plastic and rubber parts. APS-297 may be used in applications where the molded parts must be painted, plated or welded without adversely effecting these processes. APS-297 provides superior release and a non-carbonizing stable film. This fluid is ideal for use in applications such as casting of aluminum, zinc, magnesium and other non-ferrous metals where high temperatures quickly destroy many organic mold release agents.

Physical Properties

APPEARANCE:	Clear to light amber Liquid
SPECIFIC GRAVITY(@25C):	0.952

Applications

- Can be applied to a wide range of surfaces
- Produces hydrophobic properties to various surfaces
- Does not change substrate original appearance
- Can be diluted in alcohols, mineral spirits or PDMS

Packaging

Available in 8 oz samples and 440-lb. drums.

Application Methods

Typical concentrations for application via brush or spray are 0.5–2.0%.

- Lubricant for rubber or plastic
- Paintable release agent
- Coating additive
- Die lubricant
- Polish additive

Soluble In: Xylene, Toluene, Aliphatic hydrocarbons
Insoluble In: Water

STORAGE

When stored in a sealed container at temperatures between 5°C and 30°C, APS-297 fluid has a prolonged shelf life

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