



# DIE SLICK® 1950 A SERIES LUBRICANT

**APPLICATION SHEET** 

#### **BENEFITS**

- » Reduces solder
- » Produces bright clean castings

» Enhances release and wetting characterisitics

## **APPLICATIONS**

DIE SLICK®1950A series is formulated as a concentrate designed for excellent release and bright cosmetic casting finish. DIE SLICK®1950A is a semi-synthetic wax free ester formulation blended specifically to meet customer's production environment and incorporating state of the art Smart Polymer™ technology. DIE SLICK®1950A with Smart Polymer technology is a thermodynamically reactive (heat activated) polymer blend which forms a tough barrier on hot areas of the die while lightly coating cooler less demanding areas. This unique property translates to reduced solder, enhanced release and wetting characteristics while producing bright clean castings.

ALLOY	DILUTION RATIO*	DIE TEMPERATURE RANGE
ALUMINUM	80-200 : 1	350-675°
ZINC	80-200 : 1	350-675°
MAGNESIUM	120-240 : 1	350-675°

<sup>\*</sup> The dilution ratios are recommendations based on G.W. Smith & Sons experience in the field. Each Die Casting facility is unique and each operator should evaluate the recommended starting ratio based on his / her experience.

gwsmithandsons.com | 937.253.5114

## **PACKAGING AND STORAGE**

Please see SDS for more detailed information.

#### **PROPERTIES**

PROPERTIES	TYPICAL VALUES
Appearance	White Emulsion
Odor	Mild
Flash Point	N/A
Density (lbs/gal)	8.0 - 8.2 lbs/gal
рН	8.4- 9.4

Prior to using this product, consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues. The information contained herein is based on data available to us and is believed to be accurate. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR TO BE IMPLIED, REGARDING THE ACCURACY OF THESE DATA. THE RESULTS TO BE OBTAINED FROM THE USE THEREOF, OR THE HAZARDS CONNECTED WITH THE USE OF THE PRODUCT. Quaker Chemical Corporation assumes no liability for any alleged ineffectiveness of the product or any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is solely attributable to negligence on the part of Quaker Chemical Corporation. 07/2013