



## BATTERY SEALANT E-9

### DESCRIPTION

This thixotropic, two-component, epoxy-based product is designed primarily for use in sealing lead alloy posts in polypropylene battery cases. BATTERY SEALANT E-9 provides an excellent bond to properly prepared alloy posts and flame treated polypropylene. BATTERY SEALANT E-9 is specifically designed for use with automatic meter-mix type equipment. It can also be mixed and applied by hand.

### PACKAGING COMPONENT A

55-Gal. (475 lb. [215.5 kg.]) drums

### COMPONENT B

55-Gal. (415 lb. [188.2 kg.]) drums

### MIXING AND APPLICATION

BATTERY SEALANT E-9 is designed for use at mix ratios of 2.75 parts Component A to one part Component B, by weight or five parts Component A to two parts Component B, by volume. This product is designed for use with automatic meter-mix type equipment. It can also be used for hand-mix applications.

### CLEANING OF TOOLS AND EQUIPMENT

Steel wool, soap and warm water will remove the materials referred to in this Data Sheet from mixing tools and equipment if cleaning is done immediately after use. Solvents, such as methyl ethyl ketone, toluene or xylene, will have to be used after the material has begun to harden. Fully hardened material will have to be removed by mechanical means.

Dispose of residues and wastes in accordance with the directions in the Material Safety Data Sheets and government regulations.

### STORAGE LIFE

Six months in dry storage in unopened original containers and under temperature controlled conditions of 60°F (16°C) or less. Do not store in direct sunlight. Always store in a well ventilated area.

### PRECAUTIONS

The materials referred to in this Data Sheet are for Industrial Use Only. They contain materials that

## PHYSICAL PROPERTIES

PROPERTY	COMPONENT A	COMPONENT B
Viscosity @ 77°F (25°C), Brookfield RVT (Spindle # / Speed)	1,500-2,500 cps. (3 / 10 RPM)	13,000-23,000 cps. (5 / 10 RPM)
Weight / Gallon	9.7 lb.	8.6 lb.
Color	Red or Black	Amber

## MIXED COMPONENT PROPERTIES

Gel Time, 100 g. Component A, 37 g. Component B @ 77°F (25°C)	20-30 minutes
Acid Absorption, 14 Days in 40% H <sub>2</sub> SO <sub>4</sub> @ 162°F (72°C)--Specimen Cured for 24 hrs. @ R.T. + 2-1/2 hrs. @ 150°F (66°C)	2% maximum increase in weight
Specific Gravity	1.06
Color	Red or Black

present handling and potential health hazards. Consult Material Safety Data Sheets and the container labels for complete precautionary information.

## TECHNICAL SERVICES

ATLAS maintains a staff of Technical Service Representatives who are available to assist you with the use of ATLAS products. In the event of difficulties with the application of ATLAS materials, the installation should be stopped immediately and ATLAS' Technical Service Department consulted for assistance.

## WARRANTY

ATLAS warrants that its products will be free from defects in workmanship and materials under normal use for a period of one (1) year from the date of shipment by ATLAS (provided the products are installed before the expiration of the shelf life). THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR THE PURPOSE FOR THIS PRODUCT WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. ATLAS' LIABILITY FOR ALLEGED BREACH OF THIS WARRANTY SHALL BE LIMITED TO REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT (BUT NOT INCLUDING REMOVAL OF THE DEFECTIVE PRODUCT OR INSTALLATION OF REPLACEMENT PRODUCTS). ATLAS SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES DURING THE WARRANTY PERIOD OR THEREAFTER. **ATLAS' WARRANTY IS VOIDED IF PAYMENT FOR PRODUCT IS NOT RECEIVED IN FULL.**

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