



BATTERY SEALANT E-25

DESCRIPTION

BATTERY SEALANT E-25 is a two component, clear, liquid epoxy for use in assembling cases and covers in one piece automotive battery production. It provides a good bond to flame treated or chromic acid etched polypropylene as well as hard rubber compounds. It is mixed in equal portions by volume and applied using conventional production dispensing equipment.

MIXING AND APPLICATION

BATTERY SEALANT E-25 has a mix ratio of 1 part Component A to 1 part Component B, by volume or 1 part Component A to 1.2 parts Component B, by weight.

PACKAGING AND COVERAGE

Unit consisting of (Black only):

One - 1 Gal. (8 lb. [3.6 kg.]) can Comp. A
One - 1 Gal. (9 lb. [4.1 kg.]) can Comp. B (Black)
Volume coverage approx. 444 cubic inches

Unit consisting of:

One - 5 Gal. (40 lb. [18.1 kg.]) pail Comp. A
One - 5 Gal. (48 lb. [21.8 kg.]) pail Comp. B
Volume coverage approx. 2,300 cubic inches

Unit consisting of:

One - 55 Gal. (400 lb. [181.4 kg.]) drum Comp. A
One - 55 Gal. (480 lb. [217.7 kg.]) drum Comp. B
Volume coverage approx. 23,000 cubic inches

CLEANING OF EQUIPMENT

Steel wool, soap and warm water will remove BATTERY SEALANT E-25 from equipment if cleaning is done immediately after use. Solvents, such as methyl ethyl ketone, toluene or xylene, have to be used after the material has begun to harden. Hardened material has to be removed by mechanical means. Dispose of residue and wastes in accordance with the directions in the Material Safety Data Sheets and government regulations.

STORAGE LIFE

One year in dry storage in unopened original containers and under temperature controlled conditions. The ideal storage temperature is 68°F (20°C). DO NOT store in direct sunlight. Always store in a well ventilated area.

PRECAUTIONS

The materials described herein are for Industrial Use

PHYSICAL PROPERTIES

PROPERTY	COMPONENT A	COMPONENT B
Viscosity @ 77°F (25°C), Brookfield RVT (Spindle # / Speed)	4,000-6,000 cps. (5 / 4 RPM)	10,000-16,000 cps. (5 / 4 RPM)
Weight / Gallon	8.0 lb.	9.7 lb.
Color	Amber	Clear or Black

MIXED COMPONENT PROPERTIES

Gel Time, 100 g. Specimen 77°F (25°C) 80°F (27°C) 100°F (38°C)	Approx. 15 min. Approx. 12 min. Approx. 3 min.
Acid Absorption, 7 Days in 40% H ₂ SO ₄ @ 150°F (66°C)--Specimen Cured for 24 hrs. @ R.T. + 2-1/2 hrs. @ 150°F (66°C)	5% maximum
Specific Gravity	1.06
Color	Clear-Amber, Black

Only. They contain materials that present handling and potential health hazards. Consult Material Safety Data Sheets and the container labels for complete precautionary information before using.

TECHNICAL SERVICE

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

WARRANTY

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