

Technical Data Sheet

Valve Grinding Compound

AAM Revised 10/02

PRODUCT DESCRIPTION

Valve Grinding Compound is an odorless grey paste containing selected abrasive grits dispersed in a water-base, non-corrosive binder composed of gelling agents, lubricants, preservatives and ethylene glycol. It is a multi-purpose compound designed to aid valve grinding operations on automotive, industrial and marine engines. Can be used for lapping and grinding chromium-cobalt, hard-faced seats and discs. Removes burrs, surface defects, gums, carbon deposits and corrosion. Mixes with water to form easy-to-use paste. Combines special grits of various sizes that become finer as the compound is worked. Provides a fine, smooth finish.

PRODUCT BENEFITS

- Speeds precision fit
- Saves labor
- Reduces repair costs
- Non corrosive, non toxic, non flammable

TYPICAL APPLICATIONS

- Valve seats
- Sharpen reel type lawn mowers
- Sharpen cutting tools

DIRECTIONS FOR USE

1. Apply a liberal coating of Valve Grinding Compound to valve.



2. Grind in the usual manner.
3. Clean valve and seat with a damp cloth.
4. Allow to dry.

Note: If tube has been properly closed, Valve Grinding Compound should not require thinning. However, if paste is too thick, add a few drops of water.

PROPERTIES OF UNCURED MATERIAL

| | Typical Value |
|------------------|---------------------|
| Chemical Type | Silicone carbide |
| Appearance | Grey gel-like paste |
| Odor | None |
| Specific Gravity | 1.38 |
| Density | 11.3 lbs./gal |
| Flash Point | None |

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected for use with chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

NOTE

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control.