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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** 34B VALVE GRINDING COMPOUND 3OZ  
**Item No:** 80037  
**Product Type:** Aqueous dispersion

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
WATER 7732-18-5	40-50	Not listed	Not listed
SILICON CARBIDE 409-21-2	35-45	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
ETHYLENE GLYCOL 107-21-1	10-20	Not listed	Not listed
CASTOR OIL 8001-79-4	<3	Not listed	Not listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye, skin and respiratory irritation. This product contains ethylene glycol ethers which may be lethal in high concentrations. Ethylene glycol ethers have produced dose-related teratogenic effects and maternal toxicity in laboratory animals..

**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation

**Signs and Symptoms of Exposure:** Glycol gives initial central nervous system stimulation followed by depression. Ingestion may cause nausea and vomiting. Skin redness.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
SILICON CARBIDE 409-21-2	35-45		A2 Suspected Human Carcinogen (fibrous only)	
ETHYLENE GLYCOL 107-21-1	10-20	male mice-no evidence; female mice-no evidence	A4 - not classifiable as a human carcinogen (aerosol)	

**Medical Conditions Recognized as Being Aggravated by Exposure:** None known.

### 4. FIRST AID MEASURES

**Ingestion:** Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.

**Skin Contact:** Wash off with soap and water. If skin irritation persists, call a physician.

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### 5. FIRE FIGHTING MEASURES

**Flash Point °F(C°):** None

**Recommended Extinguishing Media:** Water, Dry chemical, Carbon dioxide, Foam

**Special Fire-Fighting Procedures:** No special procedures.

**Hazardous Products of Combustion:** Oxides of carbon

**Unusual Fire/Explosion Hazards:** None.

**Lower Explosive Limit:** 3.2: Ethylene glycol

**Upper Explosive Limit:** 15.3: Ethylene glycol

## 6. ACCIDENTAL RELEASE MEASURES

**Spill Procedures:** Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Residues may be cleaned up with soap and water.

## 7. HANDLING AND STORAGE

**Storage:** Do not allow freezing.  
**Handling:** Do not take internally. Avoid prolonged skin contact. Keep away from eyes.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses.  
**Skin:** Neoprene or nitrile gloves recommended.  
**Ventilation:** General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.  
**Respiratory Protection:** Not required under normal use. An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Grey paste  
**Odor:** Slight  
**Boiling Point:** 212°F  
**pH:** Mildly basic  
**Solubility in Water:** Soluble  
**Specific Gravity:** 1.36  
**VOC(Wt.%):** 0  
**Vapor Pressure:** Not Determined  
**Vapor Density (Air=1):** Heavier than air  
**Evaporation Rate:** <1 (butyl acetate = 1)

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable at normal conditions  
**Hazardous Polymerization:** Will not occur.  
**Incompatibilities:** Strong oxidizers  
**Conditions to Avoid:** Heat.  
**Hazardous Products of Combustion:** Oxides of carbon

## 11. TOXICOLOGICAL INFORMATION

See Section 3

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations..  
**US EPA Waste Number:** NH - Not a RCRA Hazardous Waste Material

## 14. TRANSPORTATION INFORMATION

### DOT (49CFR 172)

#### Ground Transport (DOT)

**DOT Shipping Name:** Not Regulated  
**Hazard Class:** None  
**UN/ID Number:** None

#### IATA

**Proper Shipping Name:** Not regulated  
**Class or Division:** None  
**UN/ID Number:** None

#### IMDG

**Proper Shipping:** Not regulated  
**Hazard Class:** None

**Product Name:** 34B VALVE GRINDING COMPOUND  
3OZ

**Item No:** 80037

**UN Number:** None

**Marine Pollutant:** None

## 15. REGULATORY INFORMATION

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

ETHYLENE GLYCOL

**California Proposition 65:** WARNING: This product contains a chemical known to the State of California to cause cancer

**TSCA Inventory Status:** All components of this product are listed (or exempt) on the EPA TSCA inventory.

## 16. OTHER INFORMATION

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 0, REACTIVITY 0.

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILITY 0, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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