

Permatex, Inc.
10 Columbus Blvd.
Hartford, CT 06106 USA
Telephone: 1-87-Permatex
(877) 376-2839
Emergency: 800-255-3924
International Emergency: +01-813-248-0585

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 ³	15 mg/m ³
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

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Item No: 80037

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

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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.

Prepared By: Denise Boyd, Manager-Environmental, Health & Safety
Company: Permatex. Inc. 10 Columbus Blvd. Hartford, CT USA 06106

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Telephone No.: 1-87-Permatex (877) 376-2839