

SECTION 1: Identification and Company Details

Product Name: Universal Floor Polish
Product Code: R8250
Manufacturer/ Supplier: Roberts Consolidated Industries, Inc.
Address: 300 Cross Plains Blvd.
Dalton, GA 30721
Emergency Phone: (800) 424-9300 (24-hour Response / CHEMTREC)
Product Information: (706) 277-5294
Recommended Use: Floor polishing

SECTION 2: Hazard(s) Identification

OSHA / HCS Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification of the substance or mixture: Serious Eye Damage- Category 2B

Signal Word: Warning

Hazard Statements: This material may cause slight and eye irritation.



Hazard Pictograms:

Precautionary Statements: Keep out of reach of children

If medical advice is needed, have product container or label at hand.

Wear eye or face protection. Wash hands thoroughly after handling.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical attention.

Unknown acute toxicity: Approximately 12% of this mixture is ingredients of unknown toxicity. There is no toxicity data for the polymer in this product which is exempt and categorized in a low concern functional group under the EPA's Toxic Substances Control Act.

SECTION 3: Composition / Information on Ingredients

<u>Wt%</u>	<u>CAS #</u>
2-(2-ethoxyethoxy)ethanol	111-90-0
2-(2-methoxyethoxy)ethanol	111-7-3
Tris(2-butoxyethyl) phosphate	78-51-3

*The exact percentage of composition has been withheld as a trade secret. There are no additional components which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4: First-Aid Measures

- Inhalation:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact:** IF ON SKIN: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Eye contact:** IF IN EYES: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
- Ingestion:** IF SWALLOWED: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Note to Physician:** **Respiratory:** Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. **Skin** No known significant effects or critical hazards. **Eyes:** Causes eye irritation. Adverse symptoms may include the following: irritation, watering, redness. **Ingestion:** May be irritating to mouth, throat and stomach.

SECTION 5: Fire-Fighting Measures

- Extinguishing Media:** Use an extinguishing agent suitable for the surrounding fire.
- Hazardous Combustion Products:** No particular hazards known.
- Protection of Firefighters:** Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental Release Measures

- Personal precautions:** Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).
- Environmental precautions:** Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.
- Methods of Clean-up:** For containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Mop up as much as possible, then flush with large volumes of water. Alternatively, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of according to local, state and federal regulations.

SECTION 7: Handling and Storage

- Precautions for safe handling:** Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe mists. Keep away from sources of ignition - No smoking.
- Storage conditions:** Keep only in the original container in a cool, well ventilated place away from : Heat sources. Keep container closed when not in use. Do not allow to freeze, as container may burst.

SECTION 8: Exposure Control / Personal Protection

Exposure Guidelines: Not determined
 Engineering Controls: Provide adequate ventilation.

Personal Protective Equipment:

Skin Protection - Permeation resistant gloves (butyl rubber, nitrile rubber, PVC or polyvinyl alcohol).
Eye/Face Protection - Glasses with side shields, chemical splash goggles and/or face shield.

<u>Chemical Name / CAS No.</u>	<u>OSHA Exposure Limits</u>	<u>ACGIH Exposure Limits</u>	<u>Other Exposure Limits</u>
2-(2-ethoxyethoxy)ethanol	None	None	None

SECTION 9: Physical and Chemical Properties

Appearance: Opaque liquid
 Odor: None
 Relative Density: Not determined
 Odor Threshold: Not available
 Solubility: Miscible in water
 pH: 8-9
 Partition Coefficient: n-octanol/water; Not determined
 Melting Point: Not determined
 Freezing Point: Not determined
 Auto-ignition Temperature: Not determined
 Flash Point: Non- flammable > 204 C (400 F) Cleveland Closed Cup
 Decomposition Temperature: Not determined
 Evaporation Rate: Not determined
 Viscosity: Not determined
 Flammability (Solid/Gas): Not applicable
 Upper/Lower Flammability: Not determined
 VOC Content: <1 g/L
 Vapor Pressure: Not Determined
 Boiling Point: 100°C/ 212°F

SECTION 10: Stability and Reactivity

Chemical Stability: Stable under normal temperature conditions and recommended use.
 Conditions to Avoid: Excessive heat, direct sunlight and/or frost.
 Materials to Avoid: Water, amines, strong bases, and alcohols.

SECTION 11: Toxicological Information

Acute toxicity: **None**
 Ingestion: Not determined
 Inhalation: Not determined
 Skin Contact: Not determined.

Component Toxicity:

2-(2-ethoxyethoxy)ethanol (111-90-1), LD50 oral rat > 7000 mg/kg
 2-(2-methoxyethoxy)ethanol (111-77-3), LD50 dermal rabbit > 9400 mg/kg
 Tris (2-butoxyethyl) phosphate (78-51-3), LD50 oral rat > 3 g/kg

SECTION 12: Ecological Information

Mobility and Bioaccumulation

Potential:	Not determined
Degradation:	Not determined
Aquatic Toxicity:	Not determined
LC50 – 24 hour (Static):	Not determined

SECTION 13: Disposal Considerations

Disposal:	Dispose of waste and residues in accordance with local authority requirements. Incineration is the preferred method of disposal.
Wastes or Residues:	Same as above.

SECTION 14: Transport Information

Road:	DOT Proper Shipping Name: Non-Regulated DOT Packing Group: N/A DOT Label: N/A UN Number: N/A
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Ocean:	Proper Shipping Name: Non-Regulated Sea – IMO/IMDG Class: N/A UN Number: N/A Label: N/A Packing Group: N/A Marine Pollutant: N/A EMS: N/A
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Air:	Proper Shipping Name: Non-Regulated Air – ICAO/IATA Class: N/A UN Number: N/A Label: N/A Sub Class: N/A Packing Group: N/A Pack Instr. Passenger: N/A Pack Instr. Cargo: N/A
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Status on Substance Lists: The concentrations shown in this document are maximum levels (weight %) to be used for regulations.

TSCA:	The components of this product are contained on the chemical substance inventory list
IARC:	Not carcinogenic
OSHA PEL's	None

Federal EPA: All chemical substances in this product are listed or exempted in the EPA (Environmental Protection Agency) TSCA (Toxic Substances Control Act) Inventory

NJ RTK

None

Pennsylvania RTK

None

SARA 302 Extremely Hazardous Substances

None

Massachusetts RTK

None

EPA Hazard Classifications:

Acute Hazard	Chronic Hazard	Fire Hazard	Pressure Hazard	Reactive Hazard
Yes	No	No	No	No

Section 313 requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all SDSs that are distributed for this material. Components present in this product at level which could require reporting under the statute are: **None**

Canada DSL: All components are on the DSL list or exempt.

California Proposition 65: Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm: **Dibutyl phthalate/ 84-74-2**

SECTION 16: Other Information

This Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200).

HMIS RATING: HEALTH-1, FLAMMABILITY-0, REACTIVITY-0, PERSONAL PROTECTION- B.

Prepared by: Roberts Consolidated Product Safety & Regulatory Compliance Group, (706) 277-5294

The information herein is given in good faith, but no warranty expressed or implied is made. Roberts Consolidated urges users of this product to evaluate its suitability and compliance with local regulations as Roberts Consolidated cannot foresee the final use of the product, nor the final location of usage.

Date of issue: 04/17/17

