

Material Safety Data Sheet

Date prepared: June 16, 2004

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1. Product Identification

Product name: EZCLEAR First Step Compound
Company information: Plastek LLC
3300 Industry Drive
Signal Hill, CA 90755
(650)367-7075

2. Composition

Substance: EZCLEAR First Step Compound

Ingredients and % (w/w) [CAS]:

Deionized water	38% [7732-18-5]
Proprietary blend of solids	49% [[None of these components are hazardous as defined by 29CFR1910.1200, OSHA's Hazard Communication Standard]
Propylene glycol	<2% [57-55-6]
Mineral Spirits	8% [68551-17-7]

3. Hazards Identification

NFPA Ratings: Health: 1 Flammability: 1 Reactivity: 0 Contact: 1

Lab protective equipment: Goggles, lab coat, proper gloves

Storage color code: Orange (general)

Potential Health Effects:

Inhalation: May cause irritation and dryness to the respiratory tract. Symptoms may include coughing, sore throat, breathing difficulty (dyspnea), and wheezing.

Ingestion: Moderately Toxic. Ingestion may cause some gastrointestinal upset. Effects appear more severe in individuals with kidney problems.

Skin Contact: May cause irritation with dryness and abrasion.

Eye Contact: May cause irritation, redness, and pain.

Chronic Exposure: Prolonged inhalation exposure may produce silicosis. Chronic symptoms include cough, dyspnea, and wheezing, increased susceptibility to tuberculosis, decreased chest expansion, and repeated nonspecific chest illnesses. Progressive respiratory and cardiopulmonary impairment may be fatal. Chronic inhalation of crystalline silica is a lung cancer hazard.

Aggravation of Pre-existing Conditions: Persons with pre-existing kidney disorders, respiratory or cardiopulmonary problems may be more susceptible to the effects of this substance.

4. First Aid Measures

Skin contact: Wash skin with soap and water, remove contaminated clothing.

Eye contact: Immediately flush eyes with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If redness or pain persists seek medical attention.

Ingestion: Do not induce vomiting. Drink several glasses of water to dilute. If large quantities were swallowed seek medical advice.

5. Fire Fighting Measures

Not considered to be a fire hazard or an explosion hazard. Use appropriate means for extinguishing the surrounding fire.

6. Accidental Release Measures

Ventilate area of leak or spill. Keep unnecessary and unprotected people away from the area. Wear appropriate personal protection equipment as specified in Section 8. Spills: Pick up and place in a suitable container for reclamation or disposal.

7. Handling and Storage

Keep in a tightly closed container. Store in a cool, dry, ventilated area. Protect container from physical damage.

8. Exposure Controls

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures below the airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved): If the exposure limit is exceeded and engineering controls are not feasible, a half-face high efficiency particulate respirator (NIOSH type N100 filter) may be worn for up to ten times the exposure limit of the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-facepiece high efficiency particulate respirator (NIOSH type N100 filter) may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. If oil particles (e.g. lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-

facepiece positive pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. Where respirators are required, you must have a written program covering the basic requirements in the OSHA respirator standard. These include training, fit testing, medical approval, cleaning, maintenance, cartridge change schedules, etc. See 20CFR 1910.134 for details.

Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection: Use chemical safety goggles and/or full face shield where splashing of solution is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance: White liquid

Volatility: Non-Volatile

Odor: None

Solubility: Partially insoluble in water

10. Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: N/A

Hazardous Polymerization: Will not occur

Incompatibilities: Product may react with strong oxidizing agents.

Conditions To Avoid: Heat, flames, ignition sources and incompatibilities.

11. Toxicological Information

Toxicological Data: Not Available

12. Ecological Information

Environmental Fate: When released into the soil, this product is not expected to biodegrade. When released into water, this product is not expected to biodegrade.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. State and local disposal regulations may differ from federal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Not regulated.

15. Regulatory Information

Propylene glycol: TSCA listed, EC listed

Silicon Oil: TSCA listed, EC listed

Mineral Spirits: TSCA listed, EC listed

16. Other Information

Label Hazard Warning: CAUTION! May cause irritation to skin and eyes. As part of good industrial and personal hygiene and safety procedures, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes, and clothing.

Label Precautions: Use only with adequate ventilation. Keep container closed when not in use. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling.

Label First Aid: In case of contact, immediately flush skin or eyes for at least 15 minutes. Call a physician if irritation develops or persists.

Product Use: Polish.

Revision Information: MSDS Section(s) changed since last revision of document include: N/A

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