

# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY INFORMATION

**Product Name:** Freedom Shine Floor Finish

**Company Name:** Arrow Chemical Corp.

**Address:** 28 Rider Pl

Freeport, N.Y. 11520

**Phone:** 516 – 377 - 7770

**Emergency:** 24 Hour Emergency (Chemtrec) 516-377-7770

**Proper Shipping Name:** Not Regulated

**Identification No:** Not Applicable

**Hazard Class:** Not Applicable

**Generic Description:** Floor Finish

## 2. INGREDIENTS

Ingredient	CAS No	%
Water	7732-18-5	to 100%
Zinc Free Copolymer	N/A	< 20%
Oxidized Polyethylene	68441-17-8	.5 to 1
TBEP	78-51-3	1 to 5
DEG Ethyl Ether	111-90-0	1 to 5

## 3. PHYSICAL DATA

**Boiling Point:** 212 F **Specific Gravity:** 1.055

**Vapor Pressure:** Not Determined **Percent Volatiles:** 80%

**Vapor Density:** Less than Air **H<sub>2</sub>O Solubility:** Complete

**Evaporation Rate:** Slower than n-Butyl Acetate

**Appearance & Odor:** White milky liquid, Typical Acrylic odor

**VOC:** .768 #/gal (163g/l)

## 4. FIRE & EXPLOSION DATA

**Flash Point:** None

**Extinguishing Media:** Foam or carbon dioxide or dry chemical.

**Firefighting Procedure:** Wear self-contained breathing apparatus with a full

Facepiece operated in pressure-demand or other positive pressure mode when fighting fires.

## 5. HEALTH HAZARD DATA

**Eyes:** Can cause mild to moderate irritation.

**Skin:** Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

**Breathing:** Excessive inhalation of vapors can cause nasal and respiratory irritation.

**Swallowing:** Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

### First Aid Procedures:

**Eyes:** Irrigation of the eye immediately with water for ten (10) minutes is good safety practices

**Skin:** Wash off in flow water or shower. Wash clothing before reuse.

**Inhalation:** Remove to fresh air if effects occur. If respiration stops, give mouth-to-mouth resuscitation Administer oxygen if available. Call physician and/or transport to medical facility.

**Ingestion:** Seek medical attention. Unless advised otherwise, induce vomiting by giving either syrup of IPEAC Followed by 2 glasses of water or by sticking finger down throat. Do not give anything by mouth if the person is drowsy, unconscious or has no gag reflex.

## 6. REACTIVITY DATA

**Hazardous Polymerization:** Will not occur

**Stability:** Stable

**Incompatibility:** Avoid strong oxidizing agents.

## 7. SPILL & LEAK PROCEDURES

**Response to spills:** Stop discharge, if it can be performed safely, and contain material. If a substantial quantity is spilled, recover with pump or vacuum. Otherwise, use an absorbent material. Place contaminated material in a suitable container for disposal. Do not flush to sewer, stream or other bodies of water.

## 8. PROTECTIVE EQUIPMENT

**Respiratory Protection:** If TLV of the product or any component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised. Engineering or administrative controls should be implemented to reduce exposure.

**Ventilation:** Provide sufficient ventilation to maintain exposure below TLV(s).

**Protective gloves:** Wear chemical resistant gloves such as nitrile rubber.

**Eye Protection:** Chemical splash goggles are advised.

**Other Protective Equipment:** Wear impervious clothing and boots.

## 9. SPECIAL PRECAUTIONS

**Precautions to be taken in Handling and Storage:** Handle with reasonable care.

Avoid breathing vapors. Store in a cool dry place. Dispose of empty containers in accordance with local, state and federal guidelines. This product contains DEG ethyl ether which is subject to reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

### Warranty Information- Please read carefully:

Arrow Chemical Corp. believes that the information in this literature is an accurate description of the typical characteristics and /or uses of the product, but it is your responsibility to thoroughly test the product in your specific application to determine its performance, efficiency and safety.

Arrow Chemical Corp. , provides the sole warranty that the product will meet our current sales specifications. Your exclusive remedy and Arrow Chemical Corp. only liability for breach of warranty is limited to refund of the price or replacement of any product shown to be other than as warranted, and Arrow Chemical Corp. , expressly disclaims any liability for incidental or consequential damages.

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