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SAFETY DATA SHEET Page 1

1. Identification

Product Identifier: **Amazing Mold Release**
 Use: Mold Release. For Industrial/Professional use only.
 Manufacturer: Polytek Development Corp.
 55 Hilton Street, Easton, PA 18042
 Phone Number: 269-488-4000 (9 a.m. to 5 p.m. EST)
 Emergency Phone: CHEMTREC 800-424-9300 or
 +1 (703) 527-3887
 E-mail: sds@polytek.com

2. Hazards Identification

GHS Classification:

Flammable Aerosol – Category 2
 Gases Under Pressure – Liquefied Gas

Label Elements: Warning



Hazard Statements:

H223 Flammable aerosol.
 H229 Pressurized container: may burst if heated.
 H280 Contains gas under pressure; may explode if heated.

Precautionary Phrases:

P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
 P221 Do not spray on an open flame or other ignition source.
 P251 Do not pierce or burn, even after use.
 P410+P403 Protect from sunlight. Store in a well-ventilated place.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Supplemental Information: None.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
1,1-difluoroethane	75-37-6	60-80
Dimethyl ether	115-10-6	30-40
Polydimethylsiloxane	63148-62-9	1-5

Exact concentrations are withheld as trade secret. Other ingredients are not listed because they are either not hazardous or are below concentration/cut-off thresholds.

4. First-Aid Measures

Eye Contact: Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Get medical attention if irritation develops and persists.

Skin Contact: Wash contact area thoroughly with soap and water. Get medical attention if irritation develops and persists.

Inhalation: If breathing is difficult, remove person to fresh air. Get medical attention if symptoms develop or persist.

Ingestion: If swallowed, do not induce vomiting unless directed to do so by a medical professional. Get medical attention if you feel unwell.

Most Important Symptoms/Effects: None known.

Indication of Immediate Medical Attention/Special Treatment: Not expected to be required.

5. Fire-Fighting Measures

Extinguishing Media: Carbon dioxide, dry chemical, foams, or water spray.

Specific Hazards: Flammable aerosol. Contains gas under pressure; may explode if heated. Vapors confined in a poorly ventilated area may be ignited by a spark or flame. May displace oxygen and cause rapid suffocation.

Special Protective Equipment and Precautions for Fire-Fighters:

Wear SCBA & full-body protective suit. Cool hot containers with water.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency

Procedures: Remove ignition sources. Clear non-emergency personnel from the area. Caution: spill area may be slippery. Avoid eye and skin contact.

Methods and Materials for Containment and Cleanup: Contain spill and prevent/minimize release to the environment. Collect and containerize material for disposal.

7. Handling and Storage

Safe Handling: Do not smoke. Avoid contact with eyes, skin (especially mucous membranes) and clothing. Use in a ventilated area. Wash hands after handling.

Safe Storage: Store indoors at temperatures between 60 and 95°F. Store in original containers.

8. Exposure Controls/Personal Protection

Exposure Limits: No OSHA or ACGIH exposure limits apply.

Engineering Controls: Provide general or local exhaust, especially in confined areas.

Personal Protective Equipment: Wear eye protection (e.g., chemical safety glasses) and rubber (e.g., nitrile) gloves.

Other Protective Measures: An eyewash and washing facility should be available in the work area.

9. Physical and Chemical Properties

Appearance: Aerosol, clear colorless

Odor: Slightly ethereal

Odor Threshold: No data available

pH: Not applicable

Melting Point: No data available

Boiling Point: No data available

Flash Point: Not applicable

Evaporation Rate: No data available

Flammable Limits: Upper Flammability Limit: 26.7% (dimethyl ether)

Lower Flammability Limit: 3.4% (dimethyl ether)

Vapor Pressure: 72 psig @ 21°C (70°F)

Vapor Density: No data available

Relative Density: 1.10

Solubility: Insoluble in water

Partition Coefficient: n-octanol/Water: No data available

Auto-Ignition Temp: No data available

Decomposition Temp: No data available

Viscosity: No data available

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable under recommended conditions.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Keep away from heat, sparks, open flames, and incompatible materials.

Incompatible Materials: Avoid strong oxidizing agents.

Date Prepared/Revised: August 3, 2023; Supersedes: Jun 28, 2022
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Hazardous Decomposition Products: May emit toxic fumes under fire conditions.

information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.

11. Toxicological Information

Eye Contact: May cause mild irritation.

Skin Contact: May cause mild irritation.

Inhalation: May cause mild respiratory irritation.

Ingestion: No data available.

Chronic Health Effects: None known.

Acute Toxicity Values: Not acutely hazardous

Germ Cell Mutagenicity: Components are not classified as mutagens.

Carcinogenicity: Components are not classified as carcinogens.

Reproductive Toxicity: Components are not classified as reproductive toxins.

Specific Target Organ Toxicity: No data available.

12. Ecological Information

Ecotoxicity: No data available. Avoid release to the environment.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. Disposal Considerations

Dispose according to local, regional and national regulations.

14. Transport Information

US DOT: UN1950, Aerosols, 2.1. (LTD QTY if shipped in 12oz aerosol containers)

IMDG/IATA: UN1950, Aerosols, flammable, 2.1. (LTD QTY if shipped in 12 oz aerosol containers)

Emergency Shipping Information: Call CHEMTREC, 800-424-9300 or +1-703-527-3887

15. Regulatory Information**U.S. FEDERAL REGULATIONS:**

CERCLA 103 Reportable Quantity: Not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA TITLE III:

Hazard Category for Section 311/312: Not applicable.

Section 313 Toxic Chemicals: Contains no chemicals subject to SARA Title III Section 313 Reporting requirements.

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All components are listed on TSCA.

STATE REGULATIONS:

California Proposition 65: This product does not contain substances known to the State of California to cause cancer and/or reproductive harm. <https://www.p65warnings.ca.gov/>

16. Other Information

Training Advice: All personnel using/handling these products should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

Recommended Uses and Restrictions: Intended for industrial or professional use only.

SDS Revision Notes: GHS Format: June 14, 2021; Reviewed and updated: June 28, 2022; Reviewed and updated: August 3, 2023

Disclaimer: The information contained herein is considered accurate; however, Polytek® Development Corp. makes no warranty regarding the accuracy of the

Date Prepared/Revised: August 3, 2023; Supersedes: Jun 28, 2022
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