

### Section 1 Identification

**Product identifiers**

Poly Eject

**Relevant identified uses of the substance or mixture and uses advised against**

Microcell ejection polyurethane foam. For professional / industrial use only.

**Details of the supplier of the safety data sheet**

Freeman Manufacturing & Supply Company

1101 Moore Road

Avon, OH 44011-4043 USA

Telephone: +1 800 321-8511

Email: contactus@freemansupply.com

**Emergency Telephone Number**

**CHEMTREC (800) 424-9300**

### Section 2 Hazards Identification

**Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)**

This product is classified as "article" according to Title 29 of the Code of Federal Regulations, OSHA Part 1910.1200, Page 463. "Article": a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees."

**Classification in accordance with regulation (EC) No 1272/2008 [CLP]**

Based on available information, this product is not hazardous when handled with the normal precautions employed. Any potentially hazardous ingredients are fixed in a polymer matrix.

**Label elements**

The product does not require a hazard warning label in accordance with GHS (Globally Harmonized System) criteria.

**Hazards not otherwise classified (HNOC) or not covered by GHS**

None known

### Section 3 Composition/Information on Ingredients

Polymer based polyurethane, stabilizers, and additives

Does not contain hazardous ingredients

### Section 4 First-Aid Measures

**If inhaled:** Move person into fresh air. If not breathing, give artificial respiration.

If symptoms persist, get medical attention.

**In case of skin contact**

Wash skin thoroughly with soap and plenty of water. Remove contaminated clothing.

Seek medical attention if symptoms occur. Burns caused by molten material require hospital treatment.

**In case of eye contact:** Flush eyes with water for at least 15 minutes.

Seek medical attention if irritation persists.

**If swallowed:** Not expected to be an ingestion hazard.

### Section 5 Fire-Fighting Measures

#### Extinguishing media

Suitable extinguishing media: Carbon dioxide, foam, dry chemical or water fog.

#### Special hazards arising from the substance or mixture

Thermal decomposition may produce carbon dioxide, carbon monoxide, hydrogen cyanide, nitrogen oxides, and/or isocyanates

#### Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

### Section 6 Accidental Release Measures

#### Personal precautions, protective equipment and emergency procedures

None needed

#### Environmental precautions

None needed

#### Methods and materials for containment and cleaning up

Sweep/shovel dust into appropriate container for disposal. Avoid creation of nuisance dust.

### Section 7 Handling and Storage

#### Precautions for safe handling

Cutting operations should have proper ventilation to prevent exposure to dust.

Hot wire cutting operations should be exhausted to prevent exposure to irritating fumes.

Wear suitable PPE.

#### Conditions for safe storage, including any incompatibilities

Store in clean, cool, and dry rooms under normal conditions with respect to humidity and surrounding temperature. Avoid temperatures below - 20°C (-4°F) and above + 80°C (176°F). Segregate from food and feed.

### Section 8 Exposure Controls/Personal Protection

#### Appropriate engineering controls

Provide general ventilation during industrial operations.

Provide local ventilation for cutting/finishing operations and hot wire operations.

#### Personal protective equipment

**Eye/face protection:** Safety glasses equipped with side shields during industrial operations.

**Hand/body protection:** Hand protection is not required.

**Respiratory Protection:** The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation.

#### Safety Stations

Emergency eyewash stations should be available in work areas.

#### General Hygienic Practices

Wearing work clothing is recommended. Do not eat, drink or smoke during use. Hands and/or face should be washed before breaks and the end of work. Thoroughly clean and care for skin after handling the product.

### Section 9 Physical and Chemical Properties

**Appearance**

Solid

**Odor**

Slight to none

**Odor threshold**

No data available

### Section 9 Physical and Chemical Properties

pH	Not applicable
Softening point	180°C (356°F)
Flash Point	>220°C (>428°F)
Flammability (solid, gas)	Not combustible
Upper/lower flammability	No data available
Specific gravity	No data available
Water solubility	Insoluble
Coefficient: n-octanol/ water	No data available
Auto-ignition temperature	>400°C (>752°F)

### Section 10 Stability and Reactivity

**Reactivity:** Stable under normal conditions of use.

**Chemical stability:** Stable under normal temperatures and pressure.

**Possibility of hazardous reactions:** Hazardous polymerization will not occur

**Conditions to avoid:** Extreme temperatures, sparks, open flames.

**Incompatible materials:** None known.

**Hazardous decomposition products:** None under conditions of normal use. Gaseous products of degradation can be given off if the product is greatly overheated. Thermal decomposition may produce carbon monoxide, carbon dioxide, hydrogen cyanide, isocyanates, and/or nitrogen oxides.

### Section 11 Toxicological Information

#### Acute Health Effects

**Inhalation:** Virtually nontoxic. Inhaling dust may cause respiratory irritation

**Eye Contact:** Virtually nontoxic. Dust may cause eye irritation.

**Skin Contact:** Virtually nontoxic. Dust may cause irritation.

**Ingestion:** LD50 rat (oral): > 5,000 mg/kg (calculated)

#### Chronic Health Effects

**Irritation:** Not irritating to the eyes. Not irritating to the skin.  
The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

**Respiratory/skin sensitization:** The chemical structure does not suggest any specific alert for sensitizing effects.

**Germ cell mutagenicity:** The chemical structure does not suggest any specific alert for such an effect.

**Carcinogenicity:** The chemical structure does not suggest any specific alert for such an effect.

**Reproductive toxicity:** The chemical structure does not suggest any specific alert for such an effect.

**Developmental toxicity:** The chemical structure does not suggest any specific alert for such an effect.

**Specific target organ toxicity (single exposure):** Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

**Repeated dose toxicity and specific target organ toxicity (repeated exposure):** Repeated exposure of the substance leads to effects similar to those found after single exposure.

**Aspiration hazard:** No aspiration hazard expected.

### Section 12 Ecological Information

Ecotoxicity	Product is not likely to be acutely harmful to aquatic organisms.
Persistence and degradability	Poorly biodegradable.

### Section 12 Ecological Information

<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Results of PBT &amp; vPvB assessment</b>	No data available

### Section 13 Disposal Considerations

Dispose of in accordance with local, regional, national and/or international regulations with regard to plastics waste.

### Section 14 Transport Information

<b>DOT/IMDG/IATA:</b>	Not regulated
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### Section 15 Regulatory Information

**REACH Directive:** Material is classified as an article  
**Water pollution class:** Not harmful to water.  
**Chemical Safety Assessment:** This obligation to register acc. to the REACH Regulation (EC) No. 1907(2006 does not apply to polymers.

### Section 16 Other Information

#### Disclaimer

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