

## Freeman F-257 Ejection Rubber

**Section 1 Identification****Product identifiers**

Product name: Freeman F-257 Ejection Rubber

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

Identified uses: Ejection Rubber

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

Freeman Manufacturing & Supply Company  
1101 Moore Road, Avon, OH 44011  
Phone (440) 934-1902  
E-mail: [contactus@freemansupply.com](mailto:contactus@freemansupply.com)

**Section 2 Hazards Identification****GHS Classification**

Not a hazardous substance. 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."

This material is defined as an "article" in Regulation (EC) N° 1907/2006 and therefore exempt from REACH.

**GHS Label elements**

None

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

None known

**Section 3 Composition/Information on Ingredients**

Polymeric blends and/or individual polymers including but not limited to Neoprene, Nitrile, PVC, EPDM, Chlorinated Polyethylene, Styrene-Butadiene, ECH (Epichlorohydrin), Polyethylene, EVA.

**Section 4 First-Aid Measures****Description of first aid measures**

**If inhaled:** Not applicable

**In case of skin contact:** Wash skin thoroughly with soap and plenty of water. Seek medical attention if symptoms occur.

**In case of eye contact:** Flush eyes with water for at least 15 minutes. Seek medical attention if irritation persists.

**If swallowed:** The ingestion of Freeman P-390 should be avoided even though the material is inert and can be regarded as toxicologically harmless except for some flame-retardant grades containing additives which could be harmful if swallowed.

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**Section 5 Fire-Fighting Measures**

**Extinguishing media**

Carbon dioxide, foam, dry chemical or water fog.

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

Decomposition will occur at about 300°C. Above this temperature the product will pyrolyse oxidatively to produce carbon monoxide and water plus small amounts of various hydrocarbons and aldehydes. The evolved gases may ignite, and if they do they will provide heat of combustion pyrolysing more foam and any other material in the vicinity. Under flaming conditions the main combustion products are carbon dioxide and water, although if insufficient oxygen is present, or when the flame is extinguished, the smoke may contain appreciable quantities of carbon monoxide and other aldehydes. This material can burn to give dense black smoke and acrid fumes.

**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 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, dry rooms under normal conditions with respect to humidity (50-70%) and surrounding temperature of 32°F to 95°F (0°C - 35°C)

**Section 8 Exposure Controls/Personal Protection**

**Components with workplace control parameters**

None

**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.

**Hand/body protection:** Wear gloves to prevent skin contact when handling material.

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

**Safety Stations**

Emergency eyewash stations available in work area.

**General Hygienic Practices**

Wash thoroughly after handling and before eating, drinking, or smoking.

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<b>Section 9 Physical and Chemical Properties</b>	
<b>Appearance</b>	Gray solid
<b>Odor</b>	Slight
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting Point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Flash Point(COC)</b>	Not combustible
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/lower flammability</b>	No data available
<b>Vapor Pressure (mmHg)</b>	No data available
<b>Vapor density (air=1)</b>	No data available
<b>Specific gravity</b>	No data available
<b>Water Solubility</b>	None
<b>Coefficient: n-octanol/ water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Section 10 Stability and Reactivity</b>	
<b>Reactivity</b>	No dangerous reactions known under normal conditions
<b>Chemical stability</b>	Stable under normal temperatures and pressure
<b>Possibility of hazardous reactions</b>	Hazardous polymerization will not occur
<b>Conditions to avoid</b>	Avoid open flames
<b>Hazardous decomposition products</b>	No decomposition if used as prescribed. Refer to details in Section 5
<b>Section 11 Toxicological Information</b>	
When used in accordance with theTDS (Technical Data Sheets) and generally accepted industry standards the product is not harmful nor does it produce any known harmful effect.	
<b>Section 12 Ecological Information</b>	
<b>Toxicity</b>	No data available
<b>Persistence and degradability</b>	No data available
<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
<b>Section 13 Disposal Considerations</b>	
Dispose of in accordance with local, regional, national and/or international regulations.	
<b>Section 14 Transport Information</b>	
Not regulated	

**Freeman F-257 Ejection Rubber**

**Section 15 Regulatory Information**

REACH Directive: Material is classified as an article

EU Directive 2011/65/EC (RoHS): Does not contain any intentionally added substances mentioned by the RoHS directive.

European Symbol: Not classified according to directive 1999/45/EC & 2001/60/EC

Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372: This product contains no chemicals subject to reporting.

**Section 16 Other Information**

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