

# Safety Data Sheet

## Freeman Fast Set 506 Hardener

Date of Preparation: December 1, 2015

### Section 1 Chemical Product and Company Identification

#### 1.1 Product identifiers

Product name: Freeman Fast Set 506 Hardener

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: N/A

#### 1.3 Details of the Supplier of the safety data sheet

Freeman Manufacturing and Supply Company

1101 Moore Road, Avon, OH 44011

Phone (440) 934-1902

FAX (440) 934-7200

#### 1.4 Emergency telephone number

Emergency Phone (800) 424-9300

HMIS	
H	1
F	1
R	0
PPE	
Sec. 8	

### Section 2 Hazards Identification

#### 2.1 Classification of the substance or mixture

##### GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

Serious Eye Damage/Eye Irritation, Category 2A

Skin Sensitization, Category 1

#### 2.2 GHS Label elements, including precautionary statements



Signal word      Warning

#### Hazard statements

Harmful if swallowed.

Causes severe skin burns and eye damage.

May cause an allergic skin reaction.

Causes serious eye damage.

Suspected of damaging fertility or the unborn child.

#### Precautionary statements

##### Prevention

Keep container tightly closed when not in use.

Wear protective gloves/eye protection/face protection.

Do not eat, drink or smoke when using this product.

Use in a well ventilated area.

Avoid breathing vapor.

Collect spillage.

##### Response

If inhaled, move victim to fresh air. Immediately call a poison center or physician.

If on skin: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

## Freeman Fast Set 506 Hardener

### Section 2 Hazards Identification cont.

Wash contaminated clothing before reuse.

If in eyes: Rinse continuously with water for at least 15 minutes.

Remove contact lenses, if present and easy to do. Immediately contact a poison center or physician.

If swallowed, immediately call a poison center or physician. Rinse mouth. Do NOT induce vomiting.

#### Storage

Store in a well-ventilated place. Keep cool.

#### Disposal

Dispose of contents and container to an appropriate waste site in accordance with local and national regulations.

#### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None.

### Section 3 Composition/Information on Ingredients

#### 3.1 Substance

Ingredient Name	CAS Number
Dimethylaminoethylphenol	90-72-2

### Section 4 First Aid Measures

#### 4.1 Description of first aid measures

##### If inhaled

Move person into fresh air. If not breathing, give artificial respiration. Get medical attention

##### In case of skin contact

Wash off with soap and plenty of water. Get medical attention.

##### In case of eye contact

Flush eyes with water for at least 15 minutes. Get medical attention

##### If swallowed

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Provided the patient is conscious, wash out mouth with water.

#### 4.2 Most important symptoms and effects, both acute and delayed

**Skin contact:** Harmful in contact with skin. May cause an allergic skin reaction.

**Inhalation:** May cause respiratory irritation.

**Ingestion:** Harmful if swallowed. .

#### 4.3 Indication of any immediate medical attention and special treatment needed

**Inhalation:** No specific data

**Ingestion:** No specific data

**Skin contact:** No specific data

**Eye contact:** No specific data

## Freeman Fast Set 506 Hardener

### Section 5 Fire Fighting Measures

#### 5.1 Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

This material is very toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### 5.4 Further information

No data available.

### Section 6 Accidental Release Measures

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

For personal protection see section 8.

#### 6.2 Environmental precautions

Do not let product enter drains.

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

Contain and collect spillage with non-flammable absorbent materials, such as sand, vermiculite or diatomaceous earth. Keep in suitable, closed containers for disposal.

### Section 7 Handling and Storage

#### 7.1 Precautions for safe handling

Persons with a history of skin sensitization problems should not be employed in any process where this product is used.

Do not breathe fumes or vapor.

Do not allow material to contact skin.

Provide appropriate exhaust ventilation.

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

Store at ambient temperatures in closed containers. Do not heat this material above the flash point. No chemical incompatibilities.

### Section 8 Exposure Controls/Personal Protection

#### 8.1 Control parameters

**Components with workplace control parameters**

None

#### 8.2 Exposure controls

**Appropriate engineering controls**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits. An eye wash station and safety shower should be located near the workstation.

#### 8.3 Personal protective equipment

**Eye/face protection**

With product at ambient temperatures, use safety glasses equipped with side shields.

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### Section 8 Exposure Controls/Personal Protection cont.

#### 8.4 Skin protection

##### Hand Protection

With product at ambient temperatures, use disposable nitrile gloves.

Contaminated gloves should be replaced.

##### Body Protection

Prevent skin contact when handling material.

#### 8.5 Respiratory Protection

The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

#### 8.6 Safety Stations

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

#### 8.7 General Hygienic Practices

Avoid breathing vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking.

Remove contaminated clothing promptly and clean thoroughly before reuse.

### Section 9 Physical and Chemical Properties

#### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid
<b>Odor</b>	Amine like
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting Point</b>	No data available
<b>VOC Content</b>	None
<b>Initial boiling point &amp; boiling range</b>	No data available
<b>Flash Point(COC)</b>	200°C (392°F)
<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</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density (g/cc)</b>	1.1±0.05
<b>Water Solubility</b>	Moderate
<b>Coefficient: n-octanol/ water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive Properties</b>	None
<b>Oxidizing Properties</b>	None
<b>% Volatile</b>	No data available

## Freeman Fast Set 506 Hardener

### Section 10 Stability and Reactivity

#### 10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

#### 10.2 Chemical stability

Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

None.

#### 10.4 Conditions to avoid

Accidental mixing with epoxy resins.

#### 10.5 Incompatible materials

No specific data

#### 10.6 Hazardous decomposition products

Thermal oxidative decomposition can produce CO, CO<sub>2</sub>, nitrogen oxides, and undetermined organic materials.

### Section 11 Toxicological Information

#### 11.1 Information on toxicological effects

<b>Acute Oral toxicity</b>	Low toxicity
<b>Acute Inhalation toxicity</b>	Irritation
<b>Acute Dermal toxicity</b>	Low toxicity
<b>Skin corrosion/irritation</b>	Severe burns
<b>Serious eye damage/eye irritation</b>	Severe burns
<b>Respiratory or skin sensitization</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	

<b>IARC</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
<b>ACGIH</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
<b>NTP</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen.
<b>OSHA</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

<b>Reproductive toxicity</b>	No data available
<b>Specific target organ toxicity</b>	
- single exposure	None expected
<b>Specific target organ toxicity</b>	
- repeated exposure	No data available

### Section 12 Ecological Information

<b>12.1 Toxicity</b>	No data available
<b>12.2 Persistence and degradability</b>	No data available
<b>12.3 Bioaccumulative potential</b>	No data available
<b>12.4 Mobility in soil</b>	No data available
<b>12.5 Results of PBT &amp; vPvB assessment</b>	No data available

## Freeman Fast Set 506 Hardener

### Section 13 Disposal Considerations

#### 13.1 Disposal

Use safety containers for disposal. Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, State, and local regulations.

### Section 14 Transport Information

**DOT:** Not Regulated

**IATA: Shipping Name:** Aviation Regulated liquid, n.o.s. (Mercaptan-Terminated Polymer)

**Hazard Class:** 9

**ID No.:** UN 3334

**Packing Group:** III

**IMDG:** Not Regulated

### Section 15 Regulatory Information

#### 15.1 US Federal Regulations

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed

RCRA Hazardous Waste Classification (40 CFR 261): Not classified

CERCLA Hazardous Substance (40 CFR 302.4): Listed/unlisted specific per RCRA Sec. 3001

SARA 311/312 Codes: Immediate health,

SARA Toxic Chemical (40 CFR 372.65): Not listed

TSCA Inventory Status: All ingredients listed on TSCA inventory requirements.

#### 15.2 State Regulations

California Proposition 65: None listed

### Section 16 Other Information

#### 16.1 Disclaimer

The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict of liability arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.