

Safety Data Sheet



Freeman TUF-Carv White

Date of Preparation: June 1, 2015

Section 1 Chemical Product and Company Identification

1.1 Product identifiers

Product name: Freeman TUF-Carv White

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	3
F	2
R	1

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)

Flammable liquids, Category 3

Skin corrosion/irritation, Category 3

Acute toxicity, Inhalation Category 4

Skin irritation, Category 2

Eye irritation, Category 2A

Carcinogenicity, Category 2

Reproductive toxicity, Category 2

Specific target organ toxicity, repeated exposure Category 1

2.2 GHS Label elements, including precautionary statements



Signal word

Danger

Hazard statements

Flammable liquid and vapor.

Causes skin irritation.

Causes serious eye irritation.

Harmful if inhaled.

Suspected of causing cancer.

Suspected of damaging fertility or the unborn child.

Causes damage to organs through prolonged or repeated exposure.

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Section 2 Hazards Identification cont.

Precautionary statements

Prevention

- Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- Keep container tightly closed when not in use.
- Do not breathe fumes or vapors.
- Wash skin thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Use only in a well-ventilated area.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.

Response

- If on skin: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- If inhaled: Remove person to fresh air and call doctor/physician if not feeling well.
- If in eyes: Rinse continuously with water for at least 15 minutes. Remove contact lenses, if present and easy to do.
- If skin irritation occurs: Get medical advice/attention.
- If eye irritation persists: Get medical advice/attention.
- Take off contaminated clothing and wash before reuse.

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
Polyester Resin	Proprietary
Styrene Monomer	100-42-5
Titanium Dioxide	13463-67-7

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.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes thoroughly with water. If irritation persists, get medical assistance.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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Section 4 First Aid Measures cont.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

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

Nature of decomposition products not known.

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

Avoid breathing vapors, mist or gas.

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

Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 Handling and Storage

7.1 Precautions for safe handling

Use normal precautions when handling flammable materials. 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. This material can catch fire if overheated.

Do not heat this material above the flash point. Keep away from flame and open electrical coils.

No chemical incompatibilities.

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters

Components with workplace control parameters

Ingredient	OSHA		ACGIH	
	PEL	STEL	TWA	STEL
Styrene Monomer	50 ppm	100 ppm	50 ppm	100 ppm
Titanium Dioxide	5 mg/m ³	15 mg/m ³	10 mg/m ³	None estab.

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.

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Section 8 Exposure Controls/Personal Protection cont.

8.3 Personal protective equipment

Eye/face protection

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

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

Appearance	White paste
Odor	Styrene
Odor Threshold	No data available
pH	No data available
Melting Point	No data available
VOC Content	1.13 lbs/gal
Initial boiling point & boiling range	No data available
Flash Point (COC)	35°C (95°F)
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability	No data available
Vapor Pressure	No data available
Vapor density	No data available
Relative density (g/cc)	1.1±0.05
Water Solubility	Negligible
Coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Viscosity	Paste at Room Temperature
Explosive Properties	None
Oxidizing Properties	None
% Volatile	10-15%

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Section 10 Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None.

10.4 Conditions to avoid

Heat and open flames.

10.5 Incompatible materials

Oxidizing agents, peroxides

10.6 Hazardous decomposition products

Thermal oxidative decomposition can produce CO and CO₂.

Section 11 Toxicological Information

11.1 Information on toxicological effects

Acute Oral toxicity Low toxicity

Acute Inhalation toxicity Low toxicity

Acute Dermal toxicity Low toxicity

Skin corrosion/irritation Skin irritant

Serious eye damage/eye irritation Eye irritant

Respiratory or skin sensitization Not a skin sensitizer

Germ cell mutagenicity No data available

Carcinogenicity

IARC Styrene (CAS #100-42-5) is considered a class 2B suspect human carcinogen.
Titanium Dioxide (CAS #13463-67-7) is considered a class 2B suspect human carcinogen.

ACGIH Styrene is not classifiable as a carcinogen.

NTP Styrene is reasonably anticipated to be a human carcinogen.

OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

Reproductive toxicity Not expected to be a hazard

Specific target organ toxicity
- single exposure No data available

Specific target organ toxicity
- repeated exposure No data available

Aspiration hazard Not expected to be a hazard

Section 12 Ecological Information

12.1 Toxicity No data available

12.2 Persistence and degradability No data available

12.3 Bioaccumulative potential No data available

12.4 Mobility in soil No data available

12.5 Results of PBT & vPvB assessment No data available

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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

14.1 DOT Transportation Data (49 CFR 172.101)

14.2 Shipping Name Polyester Resin Kit

Hazard Class: 3

ID No.: UN 3269

Packing Group: III

Label: Consumer Commodity

ORM-D (gal.)

Flammable Class 3 (3 gal.)

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: Chronic Health Hazard, Fire Hazard

SARA Toxic Chemical (40 CFR 372.65): No components were identified

TSCA Inventory Status: All ingredients listed on TSCA inventory requirements

15.2 State Regulations

This product is not known to contain any components for which the State of California has found to cause cancer, birth defects or other reproductive harm.

Talc (CAS #14807-96-6) and Titanium Dioxide (CAS #13463-67-7), and Styrene (CAS #100-42-5) are on the New Jersey and Pennsylvania Right to Know Lists.

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.