

Safety Data Sheet

Printing Date 3/24/2020

Reviewed on

1. Identification

- **Product identifier**
- **Trade Name:** *H330*
- **Recommended use of the product and restrictions on use:** *No further relevant information available*
- **Application of the product / the preparation:** *No further relevant information available*
- **Details of the supplier Safety Data Sheet**
- **Manufacturer:** *Haysite Reinforced Plastics, LLC*
- **Other US contact point:** *Not available*
- **Further Information obtainable from:** *Not available*
- **Emergency telephone number:** *1-814-868-3691*
- **Reference number:**
- **Remarks:**
Glass reinforced thermoset polyester is likely to be classified by OSHA as an "article", is not considered hazardous under normal use, and is out of the scope of an SDS as set out in 29 CFR Part 1910.1200.

Fabricating, machining, etc. of this product may produce combustible dust which should be controlled subject to the OSHA standards for particulate exposure.

This SDS is generated for client references only.

2. Hazard(s) identification

- **Classification of the product or mixture:**
Classification according to OSHA Hazard Communication Standard (29 CFR 1910.1200)
WARNING! MAY FORM COMBUSTIBLE DUST CONCENTRATIONS IN THE AIR (WHEN FABRICATING, MACHINING, ETC.)
- **Hazard pictograms:**



- **Signal word:** **WARNING**
- **Hazard-determining components of labeling:**
Styrene
Carbon Black
Lead Oxide
Arsenic Dioxide

2. Hazard(s) identification (Cont.)

- **Hazard statements:**

H227: Combustible solid

H316: Causes mild skin irritation

H320: Causes eye irritation

H335: May cause respiratory irritation

H351: Suspected of causing cancer to the lungs

H373: May cause damage to organs – through prolonged or repeated exposure

- **Hazards not otherwise classified (HNOC):** No further relevant information available.

- **Precautionary statements:**

P202: Do not handle until all safety precautions have been read and understood.

P210: Keep away from heat/sparks/open flames. – No smoking

P241: Use explosion proof electrical venting/lighting/equipment.

P242: Use only non-sparking tools.

P305+P351+P338: If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313: If exposed or concerned get medical advice/attention

P243: Take precautionary measures against static discharge.

P261: Avoid breathing dust.

P280: Wear protective gloves/eye protection/face protection

Prevention: Fabricating, machining, etc. of this product may produce combustible dust which should be controlled subject to the OSHA standards for particulate exposure.

3. Composition/information on ingredients

- **Chemical characterization:** Mixtures

- **Description:**

A mixture of substances are used to manufacture this product, items listed below are considered hazardous per Federal, State, or Local regulations. **There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and do not require reporting in this section.**

- **Composition:**

CAS: 100-42-5

Styrene

35.09%

CAS: 614-45-9

Tert-Butyl perbenzionate

0.20%

4. First-aid measures

- **Description of first aid measures (when fabricating, machining, etc.):**
 - **Eye contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
 - **After inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing
 - **If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.**
 - **Skin contact:** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
 - **Ingestion:** Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
 - **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
 - **Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

5. Fire-fighting measures

- **Description of fire-fighting measures (when fabricating, machining, etc.):**
 - **Suitable extinguishing media:** Use dry chemical, CO₂, water spray (fog) or foam.
 - **Unsuitable extinguishing media:** Do not use water jet.
 - **Special hazards arising from the substance:** No further relevant information available.
 - **Special protective actions for fire-fighters:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
 - **Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:** Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Keep away from ignition sources. Use respiratory protective device against dust. Wear protective clothing.
- **Environmental precautions:** Avoid dispersal of dust into the air. Do not allow to enter sewers/surface or ground water.
- **Methods for material containment and cleaning up:** Clean up with soft bristle broom(s) or a vacuum approved for a Class II Hazardous Location. Dust deposits should be maintained to a minimum on surfaces, as these could form an explosive mixture if they are released into the atmosphere in sufficient concentrations. Cleaning dust surfaces with compressed air in the presence of ignition sources should not be allowed.

7. Handling and Storage

- **Precautions to be taken in case material is released or spilled:** No further relevant information available.
- **Waste disposal method:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable USA and EU laws and regulations, and product characteristics at time of disposal.
- **Precautions to be taken when handling and storing:** Do not allow to come into contact with open flame.
- **Information about storage in one common storage facility:** No further relevant information available.
- **Further information about storage conditions:** No further relevant information available.

8. Exposure controls/personal protection

- **Inert or nuisance dust:** Fabricating, machining, etc. may produce dust, which should be controlled subject to the OSHA standards for particulate exposure

- **Components with limit values that require monitoring at the workplace:**

OSHA PEL	TWA: 15.0 mg/m ³ (total dust) TWA: 5.0 mg/m ³ (respirable dust)
ACGIH TLV	TWA: 5.0 mg/m ³ (inhalable fraction) TWA: 1 fiber/cm ³ (respirable fraction)
Other Limits Recommended	No further relevant information available

- **Appropriate engineering controls (when fabricating, machining, etc.):**
Good personal hygiene practices should be followed. Avoid excessive dust accumulation and control ignition sources. Where appropriate, employ grounding, venting, and explosion relief provisions in accordance with accepted engineering practices in processes capable of generating dust and/or static electricity.
- **Personal protective equipment:**
 - **Appropriate engineering controls:**
Local exhaust (when fabricating, machining, etc.)
Mechanical (when fabricating, machining, etc.)
 - **Breathing equipment:** N95 dust mask or filter cartridge (when fabricating, machining, etc.)
 - **Protective gloves:** May be desirable protection from abrasion and from machining dust.
 - **Eye protection:** Protect eyes from flying debris and particulate matter (when fabricating, machining, etc.)
 - **Other protective clothing:** Glass fiber dust is a contact irritant and exposed skin may require protection.
 - **Work/hygienic practices:** Wash hands before breaks and at the end of the day. Practice good housekeeping measures (when fabricating, machining, etc.)

9. Physical and chemical properties

Product information:

• General Information	
• Appearance	Varies
• Form	Solid
• Color	According to product specifications
• Odor	Possible sweet odor
• Odor threshold	Not available
• pH-Value	Not available
• Melting point/Melting range	Not available
• Boiling point/Boiling range	Not available

9. Physical and chemical properties (Cont.)

Product information:

• Flash point	<i>Not available</i>
• Evaporation rate	<i>Not available</i>
• Flammability	<i>Not available</i>
• Auto/Self-ignition temperature	<i>Not available</i>
• Decomposition temperature	<i>Not available</i>
• Self-igniting	<i>Product is not self-igniting</i>
• Danger of explosion	<i>Finished product does not present an explosion hazard</i>
• Explosion limits	
• Upper explosive limit	<i>Not available</i>
• Lower explosive limit	<i>Not available</i>
• Vapor pressure (mm HG)	<i>Not available</i>
• Density at 20°C	<i>Not available</i>
• Relative density	<i>Not available</i>
• Vapor density (Air=1)	<i>Not available</i>
• Specific gravity (H₂O = 1)	<i>1.8</i>
• Viscosity	<i>Not available</i>
• Other information	<i>No further relevant information available.</i>

10. Stability and reactivity

- **Reactivity:** *Not reactive.*
- **Chemical stability:** *Stable under ordinary conditions or use and storage.*
- **Possibility of hazardous reactions:** *No further relevant information available.*
- **Conditions to avoid:** *Material as supplied is not explosive. Avoid suspending dust in the air during fabrication and machining. Ground all equipment to avoid static discharge. Use only intrinsically safe equipment to vacuum up any collections of dust. Suspended dust may be combustible.*
- **Incompatible materials:** *None*
- **Hazardous decomposition products:** *Not when stored and handled in accordance with section 7.*

11. Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
 - **In the eyes:** *Not toxic. Possible irritation to eyes from dust produced when fabricating, machining, etc.*
 - **On the skin:** *Not toxic. Possible irritation to eyes from dust produced when fabricating, machining, etc.*
 - **Respiratory tract:** *Not toxic. Possible irritation to eyes from dust produced when fabricating, machining, etc.*
- **Additional toxicological information:** *Carcinogenic*

11. Toxicological information (Cont.)

- **IARC**

CAS: 100-42-5

Styrene

CAS: 614-45-9

Tert-Butyl perbenzotate

12. Ecological information

- **Toxicity:**

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Other adverse effects:** No further relevant information available.

13. Disposal considerations

- **Waste treatment methods:**
- **Recommendation:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable USA and EU laws and regulations, and product characteristics at time of disposal.

14. Transportation information

- **Regulation:**

- **DOT, IATA, IMDG:** Non-hazardous material

15. Regulatory information

- **Safety, health, and environmental regulations/legislation specific for the substance or mixture**

- **SARA / Section 355 (extremely hazardous substances)**

None of the ingredients are listed

- **SARA / Section 313 (Specific toxic chemical listings):**

CAS: 100-42-5

Styrene

- **Proposition 65**

- **Chemicals known in the State of CA to cause cancer:**

CAS: 100-42-5

Styrene

15. Regulatory information (Cont.)

TSCA

None of the Ingredients is listed

• **Carcinogenic Categories**

EPA

None of the ingredients is listed

TLV ACIGH (for nuisance dust created when fabricating, machining, etc.

TWA: 5.0 mg/m³ (inhalable fraction)

TWA: 1 fiber/cm³ (respirable fraction)

• **Safety, health, and environmental regulations/legislation specific for the substance or mixture**

• **NIOSH**

None of the ingredients are listed

• **Other regulations, limitations, and prohibitive regulations**

REACH/SVHC, RoHS III, Conflict Minerals

NJ Right to Know CAS: 614-45-9

Tert-Butyl perbenzionate

16. Other Information

• **Definitions:**

OSHA: Occupational Safety and Health Administration

IATA: International Air Transport Association

CAS: Chemical Abstract Service

PEL: Permissible Exposure Limit

TLV: Threshold Limit Values

DOT: Department of Transportation

TWA: Time Weighted Average

EU: European Union

IARC: International Agency for Research on Cancer

RoHS: Restriction of Hazardous Substances

SARA: Superfund Amendments and Reauthorization Act

SHVC: Substance of Very High Concern

REACH: Registration, Evaluation, Authorization and Restriction of Chemicals.

ACGIH: American Conference of Governmental Industrial Hygienists

IMDG: International Maritime Dangerous Goods

NIOSH: National Institute for Occupational Safety and Health

• **Other Information:**

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