



Richlite®-Skatelite®-Whalelite®-Whaleboard®- Paper Composite Material

Safety Data Sheet

Date of issue: December 8, 2016

Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Article
Trade name : Richlite®-Skatelite®-Whalelite®-Whaleboard®-Paper Composite Material

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

Use of the substance/mixture : Various uses within the modeling and pattern making industries

1.3. Details of the supplier of the safety data sheet

Manufacturer

Richlite
624 East 15th
Tacoma, WA 98421 USA
T 888-383-5533
Don Atkinson
info@richlite.com

1.4. Emergency telephone number

Emergency number : 888-383-5533

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Not applicable - This product is considered an article under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and is exempt from this regulation.

2.2. Label elements

GHS-US labelling

This product is considered an article under the 2012 OSHA Hazard Communication Standard and is exempt from this regulation. The SDS should be retained and available for employees and other users of this product.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

While this product is considered an article, and thus exempt from the 2012 OSHA Hazard Communication Standard, this SDS provides valuable information critical to the safe handling and proper use of this product. This SDS should be retained and be made available for employees and other users of this product. In addition, the recommendations for handling and use of this product should be included in worker training programs.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest. If necessary seek medical advice.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Get medical advice if skin irritation persists.

First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

| | |
|--------------------------------------|--|
| Symptoms/injuries | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/injuries after inhalation | : Dust from this product may cause respiratory irritation. Coughing, sneezes. |
| Symptoms/injuries after skin contact | : May cause slight irritation to the skin. |
| Symptoms/injuries after eye contact | : Dust from this product may cause eye irritation. |

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. Self-extinguishing, remove from heat sources. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

| | |
|-------------|--|
| Fire hazard | : On combustion, forms: Toxic fumes may be released. Carbon monoxide. Carbon dioxide. Nitrogen oxides (NOx). Benzene. Methane. Phenol. Formaldehyde. |
| Reactivity | : Stable under normal conditions of use. |

5.3. Advice for firefighters

| | |
|---------------------------------------|---|
| Firefighting instructions | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering the environment. |
| Protective equipment for firefighters | : Do not enter fire area without proper protective equipment, including respiratory protection. Wear approved self-contained breathing apparatus (set on positive pressure mode). |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

| | |
|----------------------|-----------------------------------|
| Emergency procedures | : Evacuate unnecessary personnel. |
|----------------------|-----------------------------------|

6.1.2. For emergency responders

| | |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. |
| Emergency procedures | : Ventilate area. |

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|--|
| Methods for cleaning up | : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials. |
|-------------------------|--|

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-------------------------------|--|
| Precautions for safe handling | : Provide good ventilation in process area to prevent formation of vapor. Dust could be formed as a result of granule degradation by impact or by abrasion during handling, grinding, or conveying operations. |
| Hygiene measures | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|------------------------|---|
| Storage conditions | : Store in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Incompatible materials. |
| Incompatible materials | : Strong alkalis. |

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

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8.2. Exposure controls

| | |
|----------------------------------|---|
| Appropriate engineering controls | : Ensure adequate ventilation. |
| Hand protection | : Wear protective gloves. |
| Eye protection | : Chemical goggles or safety glasses. Tightly fitting safety goggles to protect against dust. |
| Respiratory protection | : With heavy dust development and in confined spaces, use disposable face masks - NIOSH approved dust mask. |
| Other information | : Do not eat, drink or smoke during use. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|-------------------------|
| Physical state | : Solid |
| Appearance | : Tan flat sheets |
| Color | : Tan |
| Odor | : Odorless |
| Odor threshold | : No data available |
| pH | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : Not applicable |
| Flash point | : Not applicable |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Flammability (solid, gas) | : Non flammable. |
| Vapor pressure | : Not applicable |
| Vapor pressure at 50 °C | : Not applicable |
| Relative vapor density at 20 °C | : Not applicable |
| Relative density | : No data available |
| Density | : 1.24 Specific gravity |
| Solubility | : Insoluble in water. |
| Log Pow | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : Not applicable |
| Viscosity, dynamic | : Not applicable |
| Explosive limits | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Excessive heat.

10.5. Incompatible materials

Strong alkalis.

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10.6. Hazardous decomposition products

On combustion forms: Carbon dioxide. Carbon monoxide. Nitrogen oxides. Benzene. Toluene. Methane. Phenol. Formaldehyde.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

This product is considered an article under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and is exempt from this regulation.

| | |
|--|---|
| Likely routes of exposure | : Dermal; Ingestion; Inhalation; Eyes |
| Acute toxicity | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |
| Symptoms/injuries after inhalation | : Dust from this product may cause respiratory irritation. Coughing, sneezes. |
| Symptoms/injuries after skin contact | : May cause slight irritation to the skin. |
| Symptoms/injuries after eye contact | : Dust from this product may cause eye irritation. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-------------------|--|
| Ecology - general | : The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
|-------------------|--|

12.2. Persistence and degradability

| Richlite®-Skatelite®-Whalelite®-Whaleboard®-Paper Composite Material | |
|--|------------------|
| Persistence and degradability | Not established. |

12.3. Bioaccumulative potential

| Richlite®-Skatelite®-Whalelite®-Whaleboard®-Paper Composite Material | |
|--|------------------|
| Bioaccumulative potential | Not established. |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

| | |
|---------------------------|---------------------------------------|
| Effect on the ozone layer | : No additional information available |
| Effect on global warming | : No known effects from this product. |
| GWPmix comment | : No known effects from this product. |
| Other information | : Avoid release to the environment. |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--------------------------------|---|
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. |
| Ecology - waste materials | : Avoid release to the environment. |

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT
Not regulated

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TDG

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

Date of issue : December 8, 2016
Other information : None.

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product