SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Trade name: Ampine FR Particleboard
Product form: Mixture
Other means of identification: Product names: Encore™ FR

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture: A panel product manufactured from cellulosic materials bonded together with a synthetic resin or other suitable binder, and which may contain other additives.

1.3. Details of the supplier of the safety data sheet
Ampine
1050 Melody Lane #160
Roseville, CA 95678
T (916) 772-3422
www.timberproducts.com

1.4. Emergency telephone number
No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
GHS-US classification
Comb. Dust H232
Carc. 1A H350
Repr. 2 H361

2.2. Label elements
GHS-US labelling
Hazard pictograms (GHS-US): 

Signal word (GHS-US): Danger
Hazard statements (GHS-US): H232 - May form combustible dust concentrations in air
H350 - May cause cancer (Inhalation)
H361 - Suspected of damaging fertility or the unborn child
Precautionary statements (GHS-US): P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P280 - Wear eye protection, face protection, protective clothing, protective gloves
P308+P313 - If exposed or concerned: Get medical advice/attention
P405 - Store locked up
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards
No additional information available

2.4. Unknown acute toxicity (GHS US)
No data available

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood dust</td>
<td>(CAS No) 12280-03-4</td>
<td>60 - 100</td>
</tr>
<tr>
<td>Disodium octaborate tetrahydrate</td>
<td></td>
<td>7 - 13</td>
</tr>
</tbody>
</table>
 SECTION 4: First aid measures

4.1. Description of first aid measures
First-aid measures general: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.
First-aid measures after inhalation: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.
First-aid measures after skin contact: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes.
First-aid measures after eye contact: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing.
First-aid measures after ingestion: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/injuries after inhalation: May cause respiratory irritation.
Symptoms/injuries after skin contact: May cause skin irritation.
Symptoms/injuries after eye contact: Direct contact with the eyes is likely to be irritating.
Symptoms/injuries after ingestion: May cause gastrointestinal irritation.
Chronic symptoms: May cause cancer (inhalation). Suspected of damaging fertility. Suspected of damaging the unborn child.

4.3. Indication of any immediate medical attention and special treatment needed
No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media
Unsuitable extinguishing media: When extinguising a fire in a wood dust or fiber pile, a direct stream of water could cause the burning material to become airborne.

5.2. Special hazards arising from the substance or mixture
Fire hazard: Wood is a Class A combustible material. If involved in a fire, product will burn. Dust may be combustible under specific conditions.
Explosion hazard: Product is not explosive. Dust may form explosive mixture in air.
Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

5.3. Advice for firefighters
Firefighting instructions: Use cold water spray to cool fire-exposed containers to minimize risk of rupture.
Protection during firefighting: Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
General measures: Ventilate area. Evacuate area. Keep upwind. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

6.1.1. For non-emergency personnel
Protective equipment: Wear Protective equipment as described in Section 8.
Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment: For further information refer to section 8: “Exposure controls/personal protection”.

6.2. Environmental precautions
Notify authorities if product enters sewers or public waters. Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up
For containment: Sweep or shovel spills into appropriate container for disposal. Minimize generation of dust.
Methods for cleaning up: Minimize generation of dust. Sweep up loose material. Place residues in suitable, covered, and labelled container. Dispose of material in compliance with local, state, and federal regulations.

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: Wear personal protective equipment. Do not handle until all safety precautions have been read and understood. 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 well-ventilated place. Keep container tightly closed. Keep away from ignition sources.
Storage temperature: Room Temperature

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th></th>
<th>Wood Dust (Inert or Nuisance Dust)</th>
<th>Disodium octaborate, tetrahydrate (12280-03-4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH TWA (mg/m³)</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>OSHA PEL (Ceiling) (mg/m³)</td>
<td>15.0 (total dust) 5.0 (respirable fraction)</td>
<td></td>
</tr>
</tbody>
</table>

8.2. Exposure controls
Appropriate engineering controls: Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment:
- Gloves
- Safety glasses
- Protective clothing
- Insufficient ventilation: wear respiratory protection.

Hand protection: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Change contaminated gloves immediately. Suitable gloves for this specific application can be recommended by the glove supplier. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl.

Eye protection: Use eye protection suitable to the environment. Avoid direct contact with eyes.

Skin and body protection: Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory protection: Use NIOSH-approved dust/particulate respirator. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state: Solid
Color: Various
Odor: Various
Odor Threshold: No data available
pH: No data available
Relative evaporation rate (butylacetate=1): No data available
Melting point: No data available
Freezing point: No data available
Boiling point: No data available
Flash point: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapour pressure: No data available
Relative vapour density at 20 °C: No data available
Relative density: < 1 H₂O = 1
Solubility: Water: Insoluble
SECTION 10: Stability and reactivity

10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability
Stable under use and storage conditions as recommended in section 7.

10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Disodium octaborate, tetrahydrate (12280-03-4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation : Not classified.
Serious eye damage/irritation : Not classified.
Respiratory or skin sensitisation : Not classified. Not classified.
Germ cell mutagenicity : Not classified
Carcinogenicity : May cause cancer (Inhalation).

Wood dust
IARC group : 1 – Carcinogenic to Humans
NTP : Known Human Carcinogen

Reproductive toxicity : Suspected of damaging fertility or the unborn child.
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified
Aspiration hazard : Not classified
Symptoms/injuries after inhalation : May cause respiratory irritation.
Symptoms/injuries after skin contact : May cause skin irritation.
Symptoms/injuries after eye contact : Direct contact with the eyes is likely to be irritating.
Symptoms/injuries after ingestion : May cause gastrointestinal irritation.
Chronic symptoms : May cause cancer (inhalation). Suspected of damaging fertility. Suspected of damaging the unborn child.

SECTION 12: Ecological information

12.1. Toxicity
No additional information available

12.2. Persistence and degradability
No additional information available
12.3. Bioaccumulative potential
No additional information available

12.4. Mobility in soil
No additional information available

12.5. Other adverse effects
No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste treatment methods: Do not discharge to public wastewater systems without permit of pollution control authorities.
Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with DOT
Not hazardous for transport

Additional information
Other information: No supplementary information available.

Transport by sea
No additional information available

Air transport
No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations
Ampine FR Particleboard
All components of this product are listed on the TSCA Inventory or are exempt
SARA Section 311/312 Hazard Classes: Delayed (chronic) health hazard

15.2. International regulations
No additional information available.

15.3. US State regulations
California Proposition 65
WARNING! This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

Wood dust
<table>
<thead>
<tr>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>No significance risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>NA</td>
</tr>
</tbody>
</table>

Wood dust
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

SECTION 16: Other information

Indication of changes: Revision 1.0: New SDS Created.
Revision date: 5/22/2015
Other information: Author: OAB.

NFPA health hazard: 2
NFPA fire hazard: 1
NFPA reactivity: 0
Ampine FR Particleboard
Safety Data Sheet
Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

HMIS III Rating

Health : 2*
Flammability : 1
Physical : 0
Personal Protection : Safety glasses, Gloves, Dust respirator, EN 464 - protective clothing

This information was believed to be accurate at the time of preparation, and compiled from sources believed to be reliable. Products and/or articles manufactured from this product may have characteristics that are significantly different; therefore, it is the user’s responsibility to investigate and understand other pertinent information and to comply with all applicable laws and regulations. There is no warranty of any kind, express or implied, concerning product or merchantability or fitness thereof for any purpose. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable Federal, State and local laws and regulations. Ampine, a California limited partnership, will not be liable for claims relating to any party’s use of or reliance on information and data contained herein regardless of whether it is claimed the information and data are inaccurate, incomplete or otherwise misleading.