



# MSDS: Material Safety Data Sheet

## PRODUCT IDENTIFICATION

|                                   |   |
|-----------------------------------|---|
| <b>Trade Name and Synonyms</b>    | Noble Classic™                            |
| <b>Chemical Name and Synonyms</b> | Fiberglass Reinforced Plastic (frp) Sheet |
| <b>Chemical Family</b>            | Polymerized Thermoset Polyesters          |
| <b>DOT Hazard Classification</b>  | Not Applicable                            |

## COMPOSITION/INFORMATION ON INGREDIENTS

Panels are solid sheets composed of a mixture of polyester resin, inorganic fillers, pigments, processing additives, fiberglass reinforcement and lauan wood substrate. During the manufacturing process, this mixture is cured or hardened into a stable, solid material that is non-hazardous when handled or processed in accordance with good manufacturing and industrial hygiene practices.

The lauan plywood panel substrate is certified by the lauan supplier to be compliant to the International Hardwood Plywood Association (IHPA) "LFE" grade specification. This plywood complies with HUD 24 CFR3280.308 requirements of maximum allowed formaldehyde emissions of 0.2ppm for all plywood.

## HAZARDS IDENTIFICATION

|                                    |  |
|------------------------------------|--|
| <b>Threshold Limit Value (TLV)</b> | Fabricating, cutting, drilling, etc. of frp may produce dust, which should be controlled. Particulate level should not exceed the following OSHA standard: TWA 15 mg/m <sup>3</sup> (Total Dust) and TWA 5 mg/m <sup>3</sup> (Respirable Particulate). |
| <b>Primary Route of Entry</b>      | Inhalation of or skin contact with dust.   |
| <b>Effects of Overexposure</b>     | Exposure to dust in excess of TLV may result in skin or upper respiratory tract irritation. Pre-existing skin or respiratory disorders may cause more susceptibility to these effects.   |

## PHYSICAL DATA

|                                   |                                  |
|-----------------------------------|----------------------------------|
| <b>Boiling Point</b>              | Not applicable                   |
| <b>Vapor Pressure</b>             | Not applicable                   |
| <b>Vapor Density</b>              | Not applicable                   |
| <b>Specific Gravity (water=1)</b> | 1.2-1.8                          |
| <b>% Volatile (by volume)</b>     | Not applicable                   |
| <b>Solubility in Water</b>        | Insoluble                        |
| <b>Appearance and Odor</b>        | Rigid sheet, no significant odor |

## FIRST AID MEASURES

|                               |  |
|-------------------------------|--|
| <b>Inhalation of Dust</b>     | Remove from source of exposure into fresh air. Ensure clear airway. Get medical help.          |
| <b>Prolonged Skin Contact</b> | Remove contaminated clothing. Wash skin with warm water and soap. Skin cream could be helpful. |
| <b>Eye Contact</b>            | Flush with running water for 15 minutes or more.   |
| <b>Ingestion of Dust</b>      | Do not induce vomiting. Get medical help.  |

## FIRE AND EXPLOSION DATA

|  |  |
|--|--|
| <b>Flash Point</b>                       | Material is classified as nonflammable.  |
| <b>Ignition Temperature</b>              | Typically 650°F or higher for frp panels.  |
| <b>Extinguishing Media</b>               | Water, CO <sub>2</sub> , dry chemical.   |
| <b>Fire Fighting Procedures</b>          | Use media best suited to fire environment. Use water to cool fire-exposed containers and to flush spills from ignition sources. Use self-contained breathing apparatus for large scale fires.  |
| <b>Unusual Fire or Explosion Hazards</b> | With other building materials, combustion will yield toxic materials such as carbon monoxide (CO) and carbon dioxide (CO <sub>2</sub> ), and may also yield aliphatic and aromatic hydrocarbons and halogenated compounds. Fabricating, cutting, drilling, etc., may produce a class ST-1 dust. Safety precautions and ventilation requirements recommended by NFPA-68 should be followed. |

## REACTIVITY DATA

|   |   |
|---|---|
| <b>Stability and Incompatibility</b>    | Stable under normal use conditions. Hazardous polymerization will not occur. Avoid contact with alkali, strong mineral acid or other oxidizers. |
| <b>Hazardous Decomposition Products</b> | See information in Fire and Explosion Data above.   |

## ENVIRONMENTAL INFORMATION

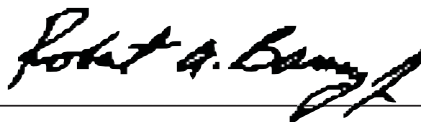
|   |  |
|---|--|
| <b>Handling and Storing Precautions</b> | Store away from heat, open flame, other ignition sources and incompatible materials (see above).   |
| <b>Miscellaneous</b>                    | Do not eat or drink in fabrication areas.  |
| <b>Spill or Leak Procedures</b>         | Not applicable.  |
| <b>Waste Disposal</b>                   | Dispose of as solid waste in compliance with all applicable local, state, and federal regulations. |

## PERSONAL PROTECTION INFORMATION

|                               |   |
|-------------------------------|---|
| <b>Respiratory Protection</b> | Use adequate ventilation to control dust when machining, cutting, drilling, etc. Cover nose and mouth with mask approved by NIOSH/OSHA.                                       |
| <b>Eye Protection</b>         | Use goggles or safety glasses when machining, cutting, drilling, etc. Have eye washes available.  |
| <b>Skin Protection</b>        | Wear protective gloves, long pants and long sleeves when machining, cutting, drilling, etc. Wash skin with soap and water after handling. Wash dusty work clothes separately. |

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APPROVED BY \_\_\_\_\_



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