



SAFETY DATA SHEET

Non-Urea Formaldehyde / Phenolic Bonded Wood Products

1. Identification

Product Name: Plywood (Phenolic Glue Bonded)

Synonyms: Hardwood Plywood, Softwood Plywood, Veneer Core Platforms

Recommended Use: Building Material

Name, Address and Telephone of the Responsible Party:

USply LLC

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+1 305-722-6622

2. Hazard(s) Identification

GHS Classification:

- Not classified as hazardous in solid form
- Combustible solid
- Wood dust generated during cutting, sanding, or machining may be hazardous

Label Elements:

- **Signal Word:** Warning

Hazard Statements:

- May cause eye, skin, and respiratory irritation
- Inhalation of wood dust may cause allergic reactions
- Contains phenol-formaldehyde resin; formaldehyde exposure may cause sensitization

Precautionary Statements:

- Avoid breathing dust
- Use adequate ventilation when cutting or sanding
- Wear appropriate personal protective equipment

- Wash hands thoroughly after handling
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3. Composition / Information on Ingredients

Component	CAS Number	Approx. Percentage
Wood Veneers	Not applicable	80–95%
Phenol-Formaldehyde Resin	9003-35-4	5–15%
Additives / Fillers	Proprietary	<5%

4. First-Aid Measures

Inhalation:

Move person to fresh air. Seek medical attention if symptoms persist.

Skin Contact:

Wash with soap and water. Remove contaminated clothing.

Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses if present. Seek medical advice if irritation continues.

Ingestion:

Unlikely under normal conditions. Do not induce vomiting. Seek medical attention if swallowed.

5. Fire-Fighting Measures

Suitable Extinguishing Media:

Water spray, foam, dry chemical, carbon dioxide

Specific Hazards:

Combustion may release carbon monoxide, carbon dioxide, phenols, and formaldehyde vapors.

Protective Equipment for Firefighters:

Self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

- Not applicable for solid products
 - Avoid generating dust
 - Use vacuum or wet methods for dust cleanup
 - Wear appropriate personal protective equipment
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7. Handling and Storage

Handling:

Avoid dust generation. Use ventilation during cutting, sanding, or machining. Practice good industrial hygiene.

Storage:

Store in a dry, well-ventilated area away from heat, sparks, and open flames.

8. Exposure Controls / Personal Protection**Occupational Exposure Limits:**

- Wood Dust (OSHA PEL): 15 mg/m³ (total dust)
- Formaldehyde (OSHA PEL): 0.75 ppm (8-hour TWA)

Engineering Controls:

Local exhaust ventilation during machining operations.

Personal Protective Equipment:

- Safety glasses or goggles
 - Protective gloves
 - Dust mask or respirator (N95 / P2 or higher) when generating dust
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9. Physical and Chemical Properties

- **Physical State:** Solid
 - **Appearance:** Flat plywood sheets
 - **Color:** Natural wood to dark brown
 - **Odor:** Mild wood odor
 - **Odor Threshold:** Not determined
 - **pH:** Not applicable
 - **Melting / Freezing Point:** Not applicable
 - **Boiling Point:** Not applicable
 - **Flash Point:** Not applicable (solid combustible material)
 - **Evaporation Rate:** Not applicable
 - **Flammability:** Combustible solid
 - **Vapor Pressure:** Not applicable
 - **Vapor Density:** Not applicable
 - **Relative Density:** 0.5 – 0.8
 - **Solubility:** Insoluble in water
 - **Partition Coefficient (n-octanol/water):** Not determined
 - **Auto-Ignition Temperature:** Approximately 220–260°C
 - **Decomposition Temperature:** >200°C
 - **Viscosity:** Not applicable
 - **Explosive Properties:** Not explosive
 - **Oxidizing Properties:** Not oxidizing
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10. Stability and Reactivity

Reactivity: Not reactive under normal conditions

Chemical Stability: Stable

Conditions to Avoid: Excessive heat, ignition sources

Incompatible Materials: Strong oxidizing agents

Hazardous Decomposition Products: Formaldehyde, phenols, carbon oxides

11. Toxicological Information

- Dust may cause irritation to eyes, skin, and respiratory tract
 - Prolonged exposure to wood dust may increase cancer risk
 - Formaldehyde is classified as a carcinogen and respiratory sensitizer
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12. Ecological Information

- Not expected to be harmful to aquatic life in solid form
 - Avoid uncontrolled release of dust into the environment
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13. Disposal Considerations

Dispose of plywood waste and dust in accordance with local, regional, and national regulations. Recycling or controlled landfills may be appropriate.

14. Transport Information

UN Number: Not regulated

Proper Shipping Name: Not regulated

Transport Hazard Class: Not applicable

Packing Group: Not applicable

15. Regulatory Information

- OSHA Hazard Communication Standard (29 CFR 1910.1200)
 - Contains phenol-formaldehyde resin
 - Formaldehyde is a regulated substance
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16. Other Information

Revision Date: 2/15/2021

Prepared By: Compliance Staff

Disclaimer:

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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.