



SAFETY DATA SHEET

SECTION 01 – IDENTIFICATION

Common / Product Name: Phenolic Unisub

Revision Date: November 2, 2015

Recommended Use: Various fabricated Phenolic parts and products

Identification of the Company: Universal Woods Inc.
2600 Grassland Dr.
Louisville, KY 40299-2591
USA
Emergency Telephone No: (502) 491 1477
Other Information Calls: (502) 491 1461

Emergency Information: CHEMTREC 24 HR. Emergency Telephone:
U.S. /North America: (800) 424-9300
International: (703) 527-3887

SECTION 02 – HAZARD(S) IDENTIFICATION

GHS Classification: Not Applicable. Material is classified as non-hazardous.

GHS Signal Words with Hazard and Precautionary Statements: Not Applicable.

GHS Pictograms: Not Applicable.

Route of Entry: None for product as sold. For dust or chips generated during fabrication operations: eye contact, skin contact, and inhalation.

Target Organs: None

Skin Contact: Solid sheet may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, grinding, etc. may produce dust or fines that may be irritating.

Eye Contact: No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc. may produce dust or fines that may be irritating.

Respiratory Contact: No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc. may produce dust or fines that may be irritating.

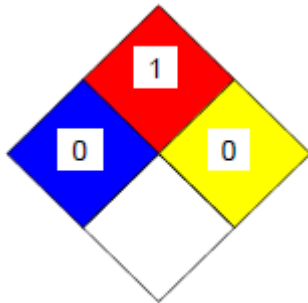
Ingestion: Not an expected route of entry.

WARNING! This product may form combustible dust during processing.

HMIS (United States) NFPA (United States)
WHMIS (Canada): Not classified as hazardous
Health 0

[Type here]

Flammability 1
 Reactivity 0
 PPE B



The sublimation or engraving process could also create an odor.

SECTION 03 – COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
Cellulose	9004-34-6	25-85
Formaldehyde Resins	N/A	10-55
Polyester Resin	N/A	0-15
Acrylic Resin	N/A	0-15

Surface finishes are factory applied. These products are classified as an “article” according to 29 CFR 1910.1200(c). They do not release any hazardous chemical under normal conditions of use.

SECTION 04 – FIRST-AID MEASURES

Eyes: No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating to the eyes. Rinse eyes with water for 15 minutes. If irritation persists, seek medical attention.

Skin: Solid sheet may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, grinding, etc. may produce dust or fines that may be irritating. May aggravate existing skin conditions. Wash with soap and water. If irritation persists, seek medical attention.

Ingestion: Not an expected route of entry with normal product use.

Respiratory: No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating to the respiratory tract. If irritation persists, seek medical attention.

SECTION 05 – FIRE-FIGHTING MEASURES

[Type here]

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Specific Hazards Arising from the Chemical: Not Available

Special Protective Equipment and Precautions for Firefighters: Use self-containing breathing apparatus and protective clothing appropriate for surrounding fire.

Flash Point and Method: Not Applicable.

Flammability Classification: Not Available.

Risk of Explosion due to Mechanical Impact: Not Applicable.

Risk of Explosion due to Static Discharge: No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust. Fine dust dispersed in the air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Hazardous Products of Combustion: Carbon oxides (CO and CO₂) and various Hydrocarbons.

Special Remarks: None

SECTION 06 –ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Material is non-hazardous as sold.

Environmental Precautions: None.

Clean-Up Methods and Materials: Material is non-hazardous as sold.

SECTION 07 –HANDLING AND STORAGE

Handling Precautions: No specific usage precautions required. Follow normal good hygiene practices. Protect exposed skin from cuts and abrasions. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dust does not accumulate on surfaces. Avoid dispersal of dust in the air (i.e., clearing dusty surfaces with compressed air).

Storage: Store in a dry well-ventilated area.

SECTION 08 –EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	OSHA PEL
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Laminate Dust (Particulate Not Otherwise Regulated)	TWA: 15 mg/m ³ (total) TWA: 5 mg/m ³ (respirable)
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Engineering Controls: No special ventilation requirements for product as sold. Provide adequate ventilation to meet exposure guidelines if fabrication operations generate dust or fines. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling the dust particulate of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Ensure that dust handling systems (such as exhaust dust, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment)

Personal Protective Equipment

Eye / Face Protection: Wear safety glasses with side shields during fabrication operations that produce chips, fines, or dust.

Skin Protection: Gloves suitable for protection against cuts and abrasions from sharp edges are recommended.

Respiratory Protection: Respirators- No specific recommendations. Respiratory protection must be used if the OSHA Permissible Exposure Limit for laminate dust (Particulate Not Otherwise Regulated- PNOR) is exceeded.

Thermal Hazards: None.

SECTION 09 –PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid sheet, various colors and dimensions.

Odor: None

Odor Threshold: Not Applicable.

pH: Not Applicable

Melting Point/ Freezing Point: Not Applicable

Initial Boiling Point and Boiling Range: Not Applicable.

Flash Point and Method: Not Applicable.

Evaporation Rate: Not Applicable.

Flammability: Material is combustible.

Lower Explosion Limit: Not Applicable

Upper Explosion Limit: Not Applicable

Vapor Pressure: Not Applicable

Vapor Density: Not Applicable

Relative Density: Approx. 85 lbs/ft³

Solubility(ies): Not soluble.

Partition Coefficient (n-Octanol in Water): Not Applicable

[Type here]

Auto-Ignition Temperature: Not Available
Decomposition Temperature: Not Available
Viscosity: Not Applicable

Appearance and Odor: Unisub Phenolic is shaped as a panel or shape. The sublimation or engraving process could also create an odor.

SECTION 10 –STABILITY AND REACTIVITY

Reactivity: Product is non-reactive.
Chemical Stability: Product is stable.
Possibility of Hazardous Reactions: None
Conditions to Avoid: None
Materials to Avoid (Incompatibility): None
Hazardous Decomposition Products: Carbon Oxides (CO, CO₂) and various Hydrocarbons.

SECTION 11 –TOXICOLOGICAL INFORMATION

Acute Toxicity to Animals: This product has not been tested for animal effects. This product is not expected to be toxic to animals.
Acute Toxicity to Humans: This product has not been tested for human effects. This product is not expected to be toxic to humans.
Chronic Toxicity to Animals: This product has not been tested for animal effects. This product is not expected to be toxic to animals.
Chronic Toxicity to Humans: This product has not been tested for human effects. This product is not expected to be toxic to humans.
Skin Corrosion / Irritation: Not Available
Eye damage / Irritation: Not Available
Respiratory Sensitization: Not Available
Skin Sensitization: Not Available
Mutagenicity: Not Available
Carcinogenicity: Not Available
Reproductive Toxicity: Not Available
STOST – Single Exposure: Not Available
STOST – Repeated Exposure: Not Available
Aspiration Hazard: Not Applicable.

SECTION 12 –ECOLOGICAL INFORMATION

Ecotoxicity: Not available. Not expected to be ecotoxic.
Mobility in Soil: Not Available.
Persistence and Degradability: Not Available.

[Type here]

Bioaccumulative Potential: Not Available.
Other Adverse Effects: Not Available.

SECTION 13 –DISPOSAL CONSIDERATIONS

Disposal Methods: Not classified as hazardous waste. Dispose of in accordance with Federal, State, and local regulations.

SECTION 14 –TRANSPORT INFORMATION

UN Number: Not Available
UN Proper Shipping Name: Not Available
Transport Hazard Class: Not Applicable
Packing Group: Not Applicable
DOT Classification: Not Applicable
Special Provision for Transport: Not Applicable
ADR / RID Classification: Not Applicable
ICAO/IATA Classification: Not Applicable
IMO/IMDG Classification: Not Applicable
Marine Pollutant: Not expected to be a marine pollutant.

SECTION 15 –REGULATORY INFORMATION

US Federal Regulations:

Chemical (& CAS Number)	SARA 302 (EHS)TPQ	SARA 304 (EHS)Rq	SARA 313 de minimis	CERCLA Rq	CAA 112(r)TQ	RCRA Code
None						

All quantities in pounds.

State Regulations

Chemical (& CAS Number)	CA Prop 65	MA RTK	MN RTK	NJ RTK	PA RTK	RI RTK
Formaldehyde (CAS 50-00-0)	X*					

***Warning:** This product contains a chemical known to the State of California to cause cancer. Formaldehyde (CAS 50-00-0) in trace amounts.

International Regulations

DSL (Canada): None
EINECS: None
WHMIS: Not classified as hazardous

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SECTION 16 –OTHER INFORMATION

Issuing Date: 11-2-15

Disclaimer

The condition or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this reason, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product. The information in the sheet was written based on the best knowledge and experience currently available.

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