



SAFETY DATA SHEET

SECTION 01 – IDENTIFICATION

Common / Product Name: Hardboard Unisub, Hardboard ChromaLuxe

Revision Date: October 26, 2015

Recommended Use: Various fabricated 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

Physical State: Solid

Appearance: No information available.

Emergency Overview: Contact with strong oxidizers or exposure to temperatures greater than 4000 F may cause a fire. Smoke may contain carbon monoxide, aldehydes, and other toxic materials. Airborne wood and resin dust may explode when combined with an ignition source.

Potential Health Effects

Principle Routes of Exposure Eye contact. Skin contact. Inhalation.

Eyes May cause slight irritation.

Skin May cause irritation.

Inhalation Irritating to respiratory system.

Ingestion No known effect based on information supplied.

The sublimation or engraving process could also create an odor.

SECTION 03 – COMPOSITION/INFORMATION ON INGREDIENTS

<u>CAS Number</u>	<u>Chemical Name</u>	<u>Exposure Limits</u>	<u>Cancer Designation</u>
N/A	Wood dust	TLV-TWA = 1 mg/m ³	MAK-1, NIOSH-Ca, TLV-A1, NTP-K
8001-26-1	Linseed oil	TLV-TWA = 10 mg/m ³	

Please Note: Other components used in the sublimation process such as inks are separate materials and are not covered in this MSDS.

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

Inhalation: Move to fresh air. Consult a physician.

Eyes: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists, call a physician.

Skin: Wash off with warm water and soap. If skin irritation persists, call a physician.

Ingestion: Consult a physician.

SECTION 05 – FIRE-FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash point: Not applicable.

Combustible: Material may burn on contact with oxidizers or ignition sources.

FLAMMABLE LIMITS:

Lower flammable limit: Not applicable.

Upper flammable limit: Not applicable.

AUTOIGNITION TEMPERATURE: Typically 400-500o F.

EXPLOSION HAZARD: Airborne concentrations of combustible dust, when combined with an ignition source, can create an explosion hazard if the dust concentration exceeds 30 - 60 g/m³.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide, nitrogen oxides, aldehydes, cyanides, and other hazardous gases, vapors, and particles.

EXTINGUISHING MEDIA: Water, dry chemical and other agents rated for a wood fire (Type A fire). Use an extinguisher rated for a Type A fire.

FIRE FIGHTING INSTRUCTIONS: Evacuate the area and notify the fire department. If possible isolate the fire by moving other combustible materials. If the fire is small, use a hose-line or extinguisher rated for a Type A fire. If possible, dike and collect water used to fight fires. Fire fighters should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

SECTION 06 –ACCIDENTAL RELEASE MEASURES

Does not apply.

SECTION 07 –HANDLING AND STORAGE

Handling: Provide ventilation or other measures so that dust levels are below the exposure limits listed in Section 2.

Storage: Keep dust away from ignition sources and store in a closed container. Consult NFPA 68 and 70 for additional information.

SECTION 08 –EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Component	ACGIH TLV	OSHA PEL
Wood dust	TWA: 1 mg/m ³ Form: Inhalable fraction	(vacated) 5 mg/m ³ PEL STEL: 10 mg/m ³

Engineering Controls: Control airborne dust concentrations below the exposure limits. Use only with adequate ventilation

Personal Protective Equipment

Eye Protection: Wear ANSI approved eye protection.

Skin Protection: Wear work gloves to prevent skin irritation.

Respiratory Protection: When respiratory protection is required, or dust concentrations are unknown, use a NIOSH/MSHA approved air-purifying respirator for dusts.

SECTION 09 –PHYSICAL AND CHEMICAL PROPERTIES

Color: NA

Odor: None

Odor threshold: Not available.
Boiling Point: NA
Vapor Pressure (mm Hg): NA
Percent Volatile by Volume (%): NA
Vapor Density (Air = 1): NA
Evaporation Rate (BuAc = 1): NA
Solubility in Water: NA
Physical State: Solid
Form: Solid.
Boiling Point Range: NA
Auto-ignition temperature: NA

Appearance and Odor: Unisub & ChromaLuxe Hardboard are shaped as a panel or shape. The sublimation or engraving process could also create an odor.

SECTION 10 –STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.

Conditions to Avoid: Dust formation. Heat.

Incompatibility (Materials to Avoid): Keep away from high temperatures and strong oxidizers, such as concentrated nitric acid, oxygen, hydrogen peroxide, and chlorine.

Hazardous Decomposition Products: Carbon monoxide, hydrogen cyanide, and other products of wood combustion.

Hazardous Polymerization: Does not occur.

SECTION 11 –TOXICOLOGICAL INFORMATION

Product is a solid sheet of Hardboard. No hazards anticipated during handling and storage.

WOOD DUST

Wood dust is known to be a human carcinogen. An increased incidence of adenocarcinoma of the nasal cavities and par nasal sinuses were observed in studies of people whose occupations are associated with wood dust exposure. (10th Edition of the National Toxicology Program's Report on Carcinogens.) Wood dust from some tree species may induce sensitization.

SECTION 12 –ECOLOGICAL INFORMATION

These wood products are not expected to pose an ecological hazard as a result of their intended uses.

SECTION 13 –DISPOSAL CONSIDERATIONS

Dispose of waste according to local, state/provincial, and federal requirements.

SECTION 14 –TRANSPORT INFORMATION

Shipping Name NA
Hazard Class NA
Identification No. NA
Packing Group NA
Placards/Labels NA
Special Provisions NA

SECTION 15 –REGULATORY INFORMATION

OSHA: Hazard Communication CFR 1910.1200 (b)(6)(iv)
CERCLA RQ: NA
EPCRA EHS RQ Section 302: NA
EPCRA Section 313: NA
International Fire Code NA
EPA CAA Section 112(r) NA

SECTION 16 –OTHER INFORMATION

Issuing Date: 10-27-15

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.