



SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS REVISION 5, OSHA 29CFR 1910.1200

Section 1: Chemical Product and Company Identification

MANUFACTURER'S NAME

Panashpere Premium Surfaces

U.S.A. Location

18621 E. Gale Ave
City of Industry CA, 91748

Canada Location

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DATE PREPARED: August 12, 2015

REVISION DATE: August 18, 2015

PRODUCT NAME:

Thermally Fused Laminate (TFL)

FORMULA:

PRODUCT USE:

Manufacture of residential and office furniture, cabinets and closets, store fixtures, hospitality furnishings, interior decorative architectural panels.

Section 2: Hazards Identification

GHS Hazard Class

This product meets the definition and criteria for an Article according OSHA 29 CFR 1910.1200 and the EU REACH 1907/2006 Article 3(3) regulations

"Article" means a manufactured item: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which does not release, or otherwise result in exposure to, a hazardous chemical under normal conditions of use.

Hazards not otherwise classified (HNOC) or not covered by GHS

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In current form, product poses no hazard. Hazards occur during transformation and shaping of the panels such as sanding and sawing operations. When sanding or sawing, wood dusts produced may cause allergic reactions and irritate respiratory tracts, skin and eyes. Avoid breathing dusts. Use personal protection equipment (PPE) as well as appropriate respiratory protection equipment for these types of tasks. Wood dusts are also known to cause industrial asthma in certain people and is a substance known to the State of California to cause cancer. May form combustible dust concentrations in air if small particles are generated during further processing, handling or by other means.

HAZARD CLASSIFICATION:

Not classified as hazardous based on IATA, IMDG, and DOT.

FIRE AND EXPLOSION:

Not considered flammable or combustible, but this product will burn if involved in a fire.

POTENTIAL HEALTH EFFECTS:

<1 % of mixture consists of ingredients of unknown acute toxicity

APPEARANCE:

Solid. Various thickness and surface colors/patterns.

NFPA Rating:

Component	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
Product	1	1	0	----



Section 3: Composition, Information on Ingredients

PRODUCT COMPOSITION	APPR OX %	CAS NO.	EC NUMBER	CANADA DSL
Ligno-Cellulosic Materials	< 95	--	--	N
Polymerized Amino-Formaldehyde and/or Phenol - Formaldehyde Resins	<15	--	--	N
Formaldehyde	< 0.1	50-00-0	--	Y

Some items on this SDS may be designated as trade secrets (TS). Bonafide requests for disclosure of trade secret information to medical personnel must be made in accordance with the provisions contained in 29 CFR 1910.1200 I 1-13.

Section 4: First Aid Measures

Description of First Aid Measures

Inhalation	Remove to fresh air. Get medical attention if irritation persists, or if severe coughing or breathing difficulty occurs.
Skin Contact	Wash affected areas with soap and water. Get medical attention if rash or irritation persists or dermatitis occurs.
Eye Contact	Flush eyes with large amounts of water. Remove to fresh air. If irritation persists, get medical attention.
Ingestion	Not likely to occur under normal conditions of use.

Most important symptoms and effects, both acute and delayed

Symptoms/Injuries after Inhalation	In case of respiratory sensitivity, fine particles may cause respiratory tract irritations. Dusts can cause upper respiratory tract, dryness to the nose, throat or trachea. Cases of coughing, wheezing, sneezing, sinusitis and prolonged colds were equally reported and linked to the presence of wood dusts.
Symptoms/Injuries after Skin Contact	In case of skin sensitivity, contact with fine particles can cause light irritations such as redness and itching.
Symptoms/Injuries after Eye Contact	Fine particles can cause mechanical irritation.
Symptoms/Injuries after Ingestion	Unlikely. In case of a large quantity ingestion, product may cause gastro-intestinal obstructions.

Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately.

Section 5: Fire-fighting Measures

Suitable extinguishing media	Use foam, dry chemical, sand or carbon dioxide.
Special hazards arising from the substance or mixture	Carbon Dioxide (CO ₂), Carbon Monoxide (CO), Ammonia (NH ₃), aliphatic aldehydes, Rosin acids, Terpenes, Nitrogen gas, Hydrogen cyanide are all products of combustion.
Protective actions fire-fighters	Wear standard protective equipment and self contained breathing apparatus for firefighting if necessary.
Further information	Product base is wood fibres. Product is combustible. It will burn if involved in a fire. Wood dusts may form an explosive mix with air in the right circumstances and concentrations

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Wear proper personal protective equipment. Avoid breathing dust.



Environmental precautions

None

Methods and materials for containment and cleaning up

Not applicable

Reference to other Sections For personal protection reference section 8. For disposal reference section 13.

Section 7: Handling and Storage

Precautions for safe handling

- Handle according to task performed with product.
- Apply professional and personal hygiene practices such as washing hands before eating.
- No eating, drinking and smoking in contaminated areas.
- Use workplace safety procedures in order to prevent accidents.
- For precautions see section 2.

Conditions for safe storage, including any incompatibilities

Store product in an area where humidity is reasonable and where temperature corresponds to the room temperature where the product will be used.

Specific uses

Manufacture of residential and office furniture, cabinets and closets, store fixtures, hospitality furnishings, interior decorative architectural panels.

Section 8: Exposure Controls/Personal Protection

Control Parameters

PRODUCT COMPOSITION	ACGIH TLV	OSHA PEL	NIOSH REL
Wood dust / Cellulose fibre	TWA 1.0 mg/m3 (Some hardwoods); TWA 1.0 mg/m3 (Some hardwoods); TWA 5.0 mg/m3 (Softwoods); STEL 10.0 mg/m3 (Softwoods)	TWA, 15.0 mg/m3 (Total dust) and 5.0 mg/m3 (breathing)	TWA, 1.0 mg/m3
Formaldehyde	Ceiling at 0.3 ppm	TWA 0.75 ppm; STEL, 2.0 ppm	--

Exposure controls

VENTILATION:

SPECIAL VENTILATION CONTROLS:

RESPIRATORY PROTECTION:

PROTECTIVE GLOVES:

EYE PROTECTION:

SKIN PROTECTION:

WORK/HYGIENE PRACTICES:

OTHER EQUIPMENT:

Always provide good general, mechanical room ventilation where dust is produced. Ensure proper ventilation and local exhaust in order to maintain contaminant concentrations below exposure limits. It is important to consider the nature and hazards (explosiveness) of wood dusts when selecting mechanical control systems. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or the CEN European Standards (EU). Use a NIOSH/MSHA or European Standard (EN) approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

standard work gloves.

Recommend eye protection using safety glasses with side shields.

Standard work clothing.

Avoid breathing dust. Avoid contact with eyes. Wash hands after handling.

Make safety shower, eyewash stations, and/or hand washing equipment available in the work area.



Section 9: Physical and Chemical Properties

	PRODUCT CRITERIA
APPEARANCE - COLOR:	Various thickness and surface colors/patterns
PHYSICAL STATE:	Solid
ODOR:	Odor dependent on wood species
ODOR THRESHOLD	Not applicable
PH	Not applicable
MELTING POINT/FREEZING POINT:	Not applicable
INITIAL BOILING POINT AND BOILING RANGE:	Not applicable
FLASH POINT:	No data available
EVAPORATION RATE:	Not applicable
FLAMMABILITY (Solid, gas)	No data available
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Class A - combustible material, 40 grams per m ³ of air (Wood dusts). Class C - ASTM E84 (Panels).
VAPOR PRESSURE	Not applicable
VAPOR DENSITY (AIR = 1)	Not applicable
RELATIVE DENSITY (@25 °C):	Varies dependent on wood type
SOLUBILITY(IES)	<0.1%
OXIDIZING PROPERTIES	No data available
PARTITION COEFFICIENT: n-octanol/water	Not applicable
AUTO IGNITION TEMPERATURE	200°C to 280 °C (392°F to 536°F)
DECOMPOSITION TEMPERATURE	No data available
VISCOSITY	Not applicable

Section 10: Stability and Reactivity

Reactivity:

Temperature may increase the amount of Formaldehyde emissions emitted from the panel's particles.

Chemical Stability:

Stable

Possibility of Hazardous Reactions:

Will not occur under normal temperatures and pressures.

Conditions to Avoid:

High temperatures, high humidity, low air exchange. In case of wood dusts, avoid contacts with oxidizing agents and drying oils. Avoid open flames. Product may burn in temperatures exceeding 200°C. Dusts may form an explosive mix with air in the right circumstances and concentrations.

Incompatibility (Materials to Avoid):

Oxidizing agents, open flames and elevated temperatures. Excessive humidity and contact with water may deform product.

Hazardous Decomposition Products:

Thermal decomposition products, such as Carbon Dioxide (CO₂), Carbon Monoxide (CO), Ammonia (NH₃), Aliphatic Aldehydes, Rosin acids, Terpenes, Polycyclic aromatic hydrocarbons and Organic acids.

Section 11: Toxicological Information

There is no toxicological information available for the product.

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical Constituent
Acute Toxicity	LD50 (Rabbit/cutaneous):	270 mg/kg		Formaldehyde
	LD50 (Rat/inhalation):	100 mg/kg		Formaldehyde
	LC50 (Rat/Inhalation):	200 mg/m ³ (4h)		Formaldehyde
Skin Corrosion/Irritation		Data not available		
Serious Eye Damage / Eye Irritation		Data not available		
Respiratory or Skin Sensitization		Data not available		
Germ Cell Mutagenicity		Data not available		
Carcinogenicity	NTP	The substance is recognized as a carcinogen		Formaldehyde
		The substance is recognized as a carcinogen		Wood dust
	IARC	The agent (mixture) is carcinogenic to humans		Formaldehyde
		The agent (mixture) is carcinogenic to humans		Wood dust
	OSHA	Suspected carcinogenic effects to humans		Formaldehyde
Reproductive Toxicity		Data not available		
STOT -- Single Exposure		Data not available		
STOT -- Repeated Exposure		Data not available		
Aspiration Hazard		Data not available		



STOT = Specific Target Organ Toxicity

Section 12: Ecological Information

		Chemical Constituent
Toxicity:	LC50 ; 24.1 mg/L (Fat head minnow) 96 hrs	Formaldehyde
	LC50 ; 0.10 mg/L (Bluegill) 96 hrs	Formaldehyde
	EC50; 9.0 mg (Photobacterium phosphoreum) 5 min	Formaldehyde
	EC50 ; 6.81 mg/L (Photobacterium phosphoreum) 15 min	Formaldehyde
	EC50 ; 20 mg/L (Water Flea) 96 hrs	Formaldehyde
Persistence and degradability:	No information is available.	
Bioaccumulative potential	No information is available.	
Mobility in soil:	No information is available.	
PBT and vPvB assessment:	PBT/vPvB assessment not available as chemical assessment not required/not conducted	
Other adverse effects:	No information is available.	

Section 13: Disposal Considerations

Waste from residues/unused products: Follow the waste disposal requirements of your country, state, or local authorities.

Contaminated packaging: Contaminated packaging material should be disposed of as stated above for residues and unused product.

Rinsate: Do not dispose of rinse water containing product in a sanitary sewer system or stormwater drainage system.

Section 14: Transport Information

DOT TRANSPORT: Not Regulated

ADR = International Carriage of Dangerous Goods by Road Not Regulated

RAIL TRANSPORT: Not Regulated

SEA TRANSPORT: IMDG Not Regulated

AIR TRANSPORT: IATA/ICAO Not Regulated

Section 15: Regulatory Information

TOXIC SUBSTANCE CONTROL ACT (TSCA) STATUS:

This product is in compliance with rules, regulations, and orders of TSCA. All components are either listed on the TSCA inventory or are considered exempt.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III SECTION 313 SUPPLIER NOTIFICATION:

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the Emergency Planning and Community Right To Know Act of 1986 and 40 CFR 372. This information must be included in all SDS's that are copied and distributed for the material.

The Section 313 toxic chemicals contained in this product are: Formaldehyde

CALIFORNIA PROPOSITION 65:

This regulation requires a warning for California Proposition 65 chemical(s) under the statute.

The California proposition 65 chemical(s) contained in this product are: Formaldehyde

STATE RIGHT-TO-KNOW TOXIC SUBSTANCE OR HAZARDOUS SUBSTANCE LIST:

Massachusetts's hazardous substance(s): Formaldehyde

Pennsylvania hazardous substance code(s): Formaldehyde

New Jersey Formaldehyde



CANADA:

WHMIS-2015: This SDS is in compliance with WHMIS 2015 (HPR / new HPA).

EUROPEAN UNION:

This product has been reviewed for compliance with the following European Community Directives: REACH 1907/2006; Regulation (EC) No 1272/2008 on classification, labeling, and packaging (CLP) of substances and mixtures.

Section 16: Other Information

Initial issue date:	August 12, 2015
Final revision date:	August 18, 2015
Revision Number:	0
Revision explanation	Initial version
Information Sources:	RTECS, ECHA, REACH, OSHA 29CFR 1910.1200

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