

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT INFORMATION

### PRODUCT NAME:

Veneer

### PRODUCT SYNONYM:

Luxcell<sup>®</sup> faces; Gator-Ply<sup>®</sup> backs; Syn-Ply<sup>™</sup> crossband.

### PRODUCT DESCRIPTION:

Resin impregnated paper product. Veneer itself is an article that poses no unique hazard. Free formaldehyde can be emitted from the final product in trace amounts.

### MANUFACTURER'S NAME AND ADDRESS:

Alcan Composites  
Uniwood  
P.O. Box 1839  
Statesville, NC 28687-1839

### TECHNICAL CONTACT:

Craig Roberson  
Manager, Environment, Health & Safety  
(704) 838-7038

### EMERGENCY TELEPHONE:

Chemtrec (800) 424-9300

## SECTION II - HAZARDOUS COMPONENTS

COMPONENT (C.A.S. Number)	WEIGHT PERCENT (%)	OSHA PEL	ACGIH TLV
Formaldehyde (50-00-0)	<0.1	TWA 0.5 ppm (Action Level) TWA 0.75 ppm STEL 2.0 ppm	Ceiling 0.3 ppm

### Additional Information:

Product contains condensed urea-formaldehyde based polymeric resin, which is classified as a non-hazardous component when polymerized.

Nuisance dust may be generated during cutting or abrading operations. OSHA considers nuisance dust as Particulate Not Otherwise Regulated (PNOR) with an OSHA PEL of 15 mg/m<sup>3</sup> (total dust) and 5 mg/m<sup>3</sup> (respirable dust). ACGIH considers nuisance dust as Particulates Not Otherwise Classified (PNOC) with an ACGIH TLV of 10 mg/m<sup>3</sup> (inhalable particulate) and 3 mg/m<sup>3</sup> (respirable particulate).

### SECTION III - PHYSICAL PROPERTIES-VENEER

**APPEARANCE AND ODOR:**

Rigid, resin impregnated, colored paper product.

**MOLECULAR WEIGHT:**

Not Applicable.

**SPECIFIC GRAVITY:**

Not Applicable

**SOLUBILITY IN WATER:**

Not Applicable

**pH:**

Not Applicable.

### SECTION III - PHYSICAL PROPERTIES-FORMALDEHYDE GAS

<b>Boiling Point:</b>	-19.5 degrees C
<b>Specific Gravity:</b>	Not Applicable
<b>Vapor Density:</b>	1.067 (air=1.0)
<b>% Volatiles by volume:</b>	No Applicable
<b>Melting Point:</b>	-92 degree C
<b>Vapor pressure:</b>	Not Applicable
<b>Solubility in H<sub>2</sub>O (% by wgt):</b>	Very soluble
<b>Evaporation Rate:</b>	Not Applicable
<b>pH:</b>	Slightly acidic
<b>Appearance &amp; Odor:</b>	Clear gas with characteristic odor that can be sensed by irritation of the mucous membranes and eyes at concentrations above 1ppm.

### SECTION IV - FIRE AND EXPLOSION DATA

**FLASH POINT (DEGREES F< PENSKY MARTINS CLOSED CUP):**

Product has no flash point per Pensky Martins Closed Cup method.

**FIRE EXTINGUISHING MEDIA:**

Product is considered class "A" type fuel. Use water, dry chemical or foam.

**SPECIAL FIRE FIGHTING PROCEDURES:**

In a sustained fire, self-contained breathing apparatus should be worn.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

None. The fire hazards associated with this product are those known to exist for normally combustible paper products. The formaldehyde constituent of this product should not increase the fire or explosion hazard or alter the fire fighting procedure.

**SECTION V - REACTIVITY DATA**

**HAZARDOUS COMBUSTION PRODUCTS:**

Thermal decomposition may release toxic and/or hazardous gases.

**STABILITY:**

Heat and moisture can result in increased rates of off-gassing of formaldehyde.

**CONDITIONS TO AVOID:**

Open flame. High temperature.

**INCOMPATIBILITY:**

None.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

None

**HAZARDOUS POLYMERIZATION:**

Heat and moisture will affect the polymerization process and potentially increase the rate of formaldehyde off-gassing.

**SECTION VI - HEALTH HAZARD INFORMATION**

**ROUTES OF EXPOSURE:**

**EYE CONTACT:**

Irritant, may cause tearing at concentrations above 1 ppm. Effect is immediately reversible when exposure is terminated. Hypersensitive individuals may experience symptoms at concentrations lower than 1 ppm.

**INHALATION:**

Exposure of 1 ppm and above may cause upper respiratory tract irritation. Irritation is reversible when exposure is terminated. Hypersensitive individuals may experience symptoms at concentrations lower than 1 ppm. Formaldehyde is listed by the International Agency for Research on Cancer (IARC) as a carcinogen for which there is limited evidence of carcinogenicity for humans. The National Toxicology Program (NTP) includes formaldehyde in the Annual Report on Carcinogens. OSHA considers formaldehyde to be a potential carcinogen.

**EMERGENCY FIRST AID:**

Remove affected individual to fresh air.

**SECTION VII - TOXICITY DATA**

ORAL: No data available.  
DERMAL: No data available.  
INHALATION: No data available.  
EYE: No data available.  
CARCINOGENICITY: Product has not been tested for carcinogenicity. See Section VI for carcinogenicity data for components.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

**WORK AND HYGIENE PRACTICES:**

Practice good personal hygiene when handling product. After contact with dust, wash hands before eating, drinking or smoking. Do not eat, drink or smoke in areas where the product is being cut or sawn. Wear safety glasses or goggles in fabrication operations that may generate airborne dust. Avoid blowing dust with compressed air. If creating wood dust in enclosed environment, use general and local explosion-proof ventilation systems.

**STORAGE AND HANDLING - VENTILATION PRACTICES:**

Store in a well ventilated area. Allow shipping vehicles to ventilate before unloading. Keep vent holes of vehicle open during transit. Boxes should not be stored in unventilated, confined areas. Normally, general ventilation is all that is required. If a hot and humid environment exists, ensure that the storage area is well ventilated.

**RESPIRATORY PROTECTION:**

Excessively sensitive individuals may experience irritation of the eyes and upper respiratory tract, in which case a NIOSH approved full-face chemical cartridge respirator for formaldehyde may be needed. Where formaldehyde exposures produce irritation, respirators should be selected by and under the direction of a trained health and safety professional following requirements found in OSHA's respiratory protection standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2-1992).

**SECTION IX - SPILL, LEAK, AND DISPOSAL PROCEDURES**

Not Applicable

**SECTION X - REGULATORY INFORMATION**

**STATEMENT OF HAZARDS FOR LABELS:**

FORMALDEHYDE -- Formaldehyde vapors can act as an irritant affecting the eyes, nose and throat.

**PROPOSITION 65: (California Only)**

Additional Requirements for the State of California: Warning: Veneer products contain formaldehyde, a substance known to the State of California to cause cancer. Veneer contains small amounts of residual formaldehyde that may be released in measurable quantities when stored in bulk quantities.

**DOT:**

Not regulated.

**MSDS NUMBER:**

Veneer®

Updated:

05/04

Supersedes:

01/04

Provided by:

Alcan Composites US - EHS Department

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