

MSDS - MATERIAL SAFETY DATA SHEET

January 2016

SECTION I - CHEMICAL PRODUCT AND COMPANY INFORMATION

Specific Name High Pressure Decorative Laminate (HPL)
Trade Name Lab Design Laminates
Material Uses Decorative Laminates for Vertical and Horizontal Indoor use.
Company Name Lab Design Laminates, 391 Hickory Street, MT. Airy, NC 27030
Emergency Telephone Number (800)524-2757

SECTION II - HAZARDS IDENTIFICATION

Physical State Solid (Sheet)
ROUTES OF ENTRY : The potential routes of entry are eye and skin contact, inhalation and ingestion.
Eyes Dust may cause mechanical irritation to the eye.
Skin Dust may cause mechanical irritation, any sharp edges will cut or abrade the skin.
Inhalation Inhalation of dust will produce irritation to the respiratory tract, characterized by sneezing and coughing.
Ingestion Not an expected route of entry.
HEALTH HAZARDS (Acute and Chronic) : This product is not hazardous in normal use , During fabrication operations (such as sawing , drilling , routing, sanding) dust, consisting of cured resin and cellulose , and minute amounts of Formaldehyde are generated at cutting face .

SECTION III - FIRST AID MEASURES

Eye contact DUST PARTICLES : In case of eye contact , rinse immediatly with plenty of water , If irritation persists , seek medical attention .
Skin contact DUST PARTICLES : May cause skin sensitization . Wash contaminated skin with soap and water .
Inhalation Repeated or prolonged dust inhalation may lead to chronic respiratory irritation. Allow the victim to rest in a well ventilated area. If irritation persists, seek medical attention.
Ingestion Not applicable

SECTION IV - FIRE AND EXPLOSION DATE

FLASH POINT (Not Applicable)

EXTINGUISHING MEDIA : This material is considered a " **CLASS B (II)** " type combustible material, use water spray, carbon dioxide or dry chemical foam to extinguish flames. Use water to keep cool and prevent rekinding, wear self - contained positive pressure breathing apparatus and full fire fighting protective clothing .

EXPLOSION HAZARDS:

Machine sawing , routing , and / or sanding of this product produces a CLASS ST-1 dust, Safety precautions (and proper ventilation) as recommended by NFPA-68 for CLASS ST-1 dust should be followed to prevent this or any Class ST-1 dust from presenting an explosion hazard.

FIRE :

Fire Rated laminate is recommended for interior application where fire codes specify or the environment suggests a fire - resistant and smoke-resistant surface , This laminate was tested in accordance with ASTM E-84 " Standard Test Method for Surface Burning Characteristics of Building Materials " The 25 - foot tunnel method is also described by NFPA 255 (National Fire Protection Agency) .

The results of flame spread 26 (26-76) and smoke developed 80 (0-400) Compliance fire codes of the NFPA , **meets Class B (Class II)** . Class A,B,C Correspond to I,II, and III respectively in other codes such as BBC (Basic Building Code) , UBC (Uniform Building Code) , SSBC (Southern Standards Building Code) . this is results T-10718 was certificaded by HPVA (Harwood Plywood and Veneer Association , P.O. Box 2789, Reston , Virginia 20195 U.S.A) - **Class A (Class 1) is available upon request**

SECTION VI - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid
molecular weight	Not Available
Boiling Point	Not Available
Melting point	Not Available
specific gravity	Not Applicable
vapor pressure	Not Applicable
vapor density	Not Applicable
volatility	Not Applicable
odor	Odorless
color	Varies
Taste	Not Available

SECTION VII - STABILITY AND REACTIVITY

Stability and Reactivity	The product is stable
Conditions of Inestability	None
Incompatibility with various substances	Not considered to be reactive
Hazardous Decomposition Products	Products of combustion include: Carbon Oxides (CO;CO2)
Hazardous Polimerization	Will not occur

SECTION VIII - TOXICOLOGICAL AND ECOLOGICAL INFORMATION .

Toxicity to Animals	This product has not been tested for animals effects
Chronic Effects on Humans	No additional information.
Other Toxic Effects on Humans	No additional information
Special Remarks on Other Toxic Effects on Humans	Asthmatic conditions may be agravated by uncontrolled airborne dust exposures.
Ecotoxicity	Not available
DBO5 and COD	Not available
Mobility	Not available
Toxicity of the Products of biodegradation.	Not available .

SECTION IX - PRECAUTIONS FOR SAFE HANDLING AND USE .

IN CASE MATERIAL IS RELEASED OR SPILLED : This material is non - Hazardous. Sweep up / pick up scrap material and place disposal containers, dust may be burned for energy recovery or disposed in an approved sanitary landfill, This product is non - hazardous under RCRA (Resource Conservation and Recovery Act) .

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE : Laminates may have sharp edges , Safety glasses, gloves and safety shoes be worn when handling or machining laminates to prevent cuts and abrasions .

OTHER PRECAUTIONS : Maintain adequate ventilation to keep airborne concentrations of dust below the exposure limits .

SECTION X - TRANSPORT INFORMATION .

DOT (department of transportation) Not a DOT controlled material (United States) .

Marine Pollutant Not a Marine Pollutant.

Special Provisions for Transport Not applicable.

SECTION XI - OTHER REGULATIONS .

HCS (Hazard Communication system) . Not controlled under the HCS (United States) .

State Regulations California Prop . 65 : **WARNING :** This product contains formaldehyde , a Substance known to the state of California to cause cancer .

NOTICE TO READER .

To the best of our knowledge, the information contained herein is accurate , but is not constructed as a warranty.