



909 HPL MATERIAL SAFETY DATA SHEET



Section 1: Product And Company Identification

Manufacturer: Import Laminate, made in India

Product Name: 909 Laminate

Issue Date: December 12th, 2008

Revision: 0

Section 2: Emergency Overview

No known hazards for material as supplied. During fabrication operations such as sawing, sanding, drilling, routing, cutting etc. dust consisting of cured resin, paper fiber and minute amounts of formaldehyde are generated at the point of operation. Formaldehyde may be released in minute, but detectable, amounts when material is shipped or stored in bulk quantities.

Appearance/Odor: Thin to thick, rigid laminate sheets, various thicknesses/colors. No significant odor.

Warning:

Sanding, sawing, drilling, routing, etc. of this material may generate airborne nuisance dust. This dust may cause eye, nose, skin, and upper respiratory tract irritation. Use of appropriate personal protection and/or engineering controls (such as local exhaust ventilation) should be employed whenever sanding, sawing, drilling, routing, etc. of this material.

Potential Health Effects: Dust generated during fabrication of this material may cause irritation of the eyes, nose skin and upper respiratory tract. Asthmatic conditions may be aggravated by the dust generated.

Likely Routes of Exposure: Eye contact, skin contact and inhalation

Eyes: Dust generated during installation or fabricating could cause eye irritation (tears, blurred vision and redness). In case of eye contact with dusts, rinse affected eye for at least 15 minutes with clean water. If irritation persists, seek medical attention.

Skin: The dust generated during installation or fabrication may cause moderate skin irritation. Avoid prolonged skin exposure to dust. Rinse with mild soap if contact occurs. If irritation persists, seek medical attention.

Ingestion: Not likely to occur and not expected to cause a significant toxic response. However ingestion of dust could cause irritation of the mouth, throat and stomach. Rinse mouth with clean water in case of ingestion. If irritation persists, seek medical attention.

Inhalation: Sanding, sawing, drilling, routing or cutting of this material may generate airborne dust that may cause eye, nose and upper respiratory tract irritation. Use appropriate personal protection.

Section 3: Composition/Information on Hazardous Ingredients

This product does not contain regulated levels of NTP, IARC or OSHA listed carcinogens.

Component	CAS #	% by Wt.
Paper/Fiber	NA	40-70
Resins	NA	30-50

Section 4: First Aid And Measures

Eye Contact: If dust gets into the eyes, immediately rinse affected eye for at least 15 minutes with clean water. If irritation persists, seek medical attention.

Skin Contact: If excess dust gets into the skin, remove contaminated clothing and wash before reuse. Wash skin with soap and water. Seek medical attention if irritation occurs.

Ingestion: If dust gets into mouth, rinse with clean water. Seek medical attention if necessary.

Inhalation: If excess dust is inhaled, move to fresh air. Seek medical attention if symptoms such as wheezing and/or shortness of breath occur.



909 HPL MATERIAL SAFETY DATA SHEET



Section 5: Fire Fighting Measures

This material is a Class A combustible material. Use water spray, carbon dioxide or dry chemical foam to extinguish flames. Use water to keep cool and prevent rekindling of material.

Unusual Fire or Sanding, sawing, drilling, routing, cutting, etc. of this material may generate a Class ST-1 dust.

Explosion Hazards: Safety precautions and proper ventilation as recommended by NFPA-68 for Class ST-1 dusts should be followed to prevent this or any Class ST-1 dust from presenting an explosion hazard.

Suitable Extinguishing Media: CO₂, water, foam.

Possible Products of Combustion: Various oxides of carbon and nitrogen, ammonia and formaldehyde. Protection of Combustion products may be irritating to eyes, skin and the respiratory tract.

Firefighters: Firefighters should wear self-contained breathing apparatus and full fire-fighting turnout gear.

Section 6: Accidental Release Measures

Personal Precautions: Material is non-hazardous as supplied. Review personal protection measures in Section 8.

Methods for Clean-up: Recover undamaged materials for reuse or reclamation. Sweep or pick up scrap material and place in disposal containers.

Section 7: Handling And Storage

Handling: Prevent dust from entering eyes. Do not breathe dust. Avoid prolonged skin contact with dust and/or filings. Cut, drill, saw, sand and finish, etc. in well-ventilated areas.

Storage: Store in dry, well-ventilated area and keep away from strong chemicals, solvents and excessive heat. Prolonged or extreme heat can cause damage to the surface. Traces of formaldehyde may be released during shipping and storage.

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines:	OSHA PEL	Exposure Guidelines:	ACGIH TLV
Total Dust	15 mg/ cubic meter	Inhalable	10 mg/ cubic meter
Respirable Dust	5 mg/ cubic meter	Respirable	3 mg/ cubic meter

Engineering Controls: Provide adequate ventilation to maintain exposure levels below applicable limits. The use of local exhaust ventilation is recommended during fabrication work.

Eye/Face Protection: Wear safety glasses when sawing, sanding, drilling or routing.

Skin Protection: Wear appropriate gloves when installing, transporting, sawing, cutting, drilling, routing or handling uninstalled pieces.

Foot Protection: No special protection required.

Respiratory Protection: Where airborne concentrations of dust are expected to exceed the allowable exposures NIOSH-approved respirator should be worn, chosen based on the form and concentration of the contaminant. Respirator usage must be in accordance with the OSHA Respiratory Protection Standard, 29 CFR 1910.134.

General Hygiene: Wash thoroughly after sawing, cutting, drilling, or routing. Have eyewash facilities

Considerations: Immediately available.

Additional information is available in ASTM E1132-99a



909 HPL MATERIAL SAFETY DATA SHEET



Section 9: Physical and Chemical Properties

Odor: None	Lower Flammability Limit: Not applicable
Physical State: Solid sheet	Vapor Pressure: Not applicable
pH: Not applicable	Vapor Density: Not applicable
Freezing Point: Not applicable	Specific Gravity: 1.45
Boiling Point: Not applicable	Solubility (water): Insoluble
Flash Point: Not applicable	Auto-ignition Temperature: Not applicable
Evaporation Rate: Not applicable	VOC release: Extremely low
Upper Flammability Limit: Not applicable	

Section 10: Stability And Reactivity

Stability: Stable

Conditions to Avoid: Avoid exposing to oxidizers, strong chemicals, alkaline solutions and solvents.

Incompatible Materials: Avoid strong acids and alkaline solutions which will damage the surface appearance of the material. If spills occur, remove immediately from the material.

Hazardous Decomposition Products: Thermal decomposition product may include various oxides of carbon

Hazardous Polymerization: Will not occur.

Section 11 (a): Acute Effects

Oral LD50: Not known

Dermal LD50: Not known

Inhalation: See Section 2

Eye Irritation: See Section 2

Skin irritation: See Section 2

Sensitization: No data for product

Section 11 (b): Chronic Effects

Carcinogenicity: This product may contain trace amounts of formaldehyde which is listed by IARC as carcinogenic. The ACGIH lists formaldehyde as a suspect human carcinogen. NTP: formaldehyde as carcinogenic.

WARNING Substance contained in this product known to the State of California to cause cancer, birth defects or other reproductive harm – formaldehyde.

Mutagenicity:

Reproductive Effects: No data for product.

Developmental Effects: No data for product.

Section 12: Ecological Information

Eco-toxicity: No data for product

Persistence/Degradability: No data for product

Bio-accumulation/Accumulation: No data for product

Mobility in Environment: No data for product

Section 13: Disposal Considerations

Disposal: Material is non-hazardous and no special treatment is required for disposal. Disposal in landfill must be in accordance with Federal, State and Local regulations.



909 HPL MATERIAL SAFETY DATA SHEET



Section 14: Transportation Information

DOT: Not Regulated

Section 15: Regulatory Information

WARNING-Substance contained in this product known to the State of California to cause cancer, birth defects or other reproductive harm-Formaldehyde.

Section 16: Other Information

NFPA Labeling: Health - 1, Fire -0, Reactivity -0

(0= minimal hazard, 1 =slight hazard, 2=moderate hazard, 3= severe hazard, 4= extreme hazard)

Glossary of Terms:

ACGIH - American Conference Of Governmental Industrial Hygienists

ASTM - Americal Society For Testing And Materials

BOD 5 - Biological Oxygen Demand In 5 Days

ACC - Clean Air Act

CAS - Chemical Abstracts Services

CFR - Code Of Rederal Regulations

DOT - Department Of Transportation

IARC - International Agency For Research On Cancer

LD50 - Lethal Dose 50%

NFPA - National Fire Prevention Association

NTP - National Toxicology Programme

OSHA - Occupational Safety And Health Administration

PEL - Permissible Exposure Limit

TLV - Threshold Limit Value

Disclaimer: The information furnished herein is accurate, to the best of our knowledge. However, we assume no liability, what so ever, for the completeness/ accuracy of the data contained herein. It is the sole responsibility of the user to determine the suitability. Certain hazards are described herein but we do not claim that these are the only hazards that exist.