



MATERIAL SAFETY DATA SHEETS

for Each Material

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IMPORTANT:

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Applies to the following paper phenolic colors:

Ebony 101 Autumn 105
Dark Chocolate 102 Burgundy 106
Cocoa 103 Navy 107
Caramel 104

Section 1: Ingredients

Chemical Family: Cured Phenol Resin

Product Use: Various

Hazard Statement: This material safety data sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is not considered to be a hazardous chemical under that standard.

Section 2: Physical Data

Appearance: Odorless fat sheets

Percent Volatile: 0 (zero)

Insoluble in water

Specific Gravity: 1.213

Section 3: Fire and Explosion Data

Extinguishing media: Self extinguishing; remove source of heat.

Special fire fighting procedures: Use self-contained breathing apparatus.

Unusual fire and explosion data: Combustion products may be toxic.

Section 4: Reactivity Data

Stability: Stable

Conditions to Avoid: Heat over 350-degrees F

Incompatibility: Very strong alkali

Hazardous Decomposition Products: Combustion may form toxic materials. Oxides of carbon and nitrogen, benzene, toluene, methane, phenol, formaldehyde.

Hazardous Polymerization: Will not occur.

Section 5: Health Hazard Data

Primary Routes of Exposure: Eye, dermal, ingestion or inhalation of dust from abraded material.

Threshold Limit Value: Not hazardous

Overexposure effects: None

Eye Contact: Dust that contacts the eye may be irritating or cause mechanical injury.

Section 5: Health Hazard Data (continued)

Skin Contact: May cause slight skin irritation.

Ingestion: It is reasonable to anticipate ingestion of the dust would be irritating to the GI tract.

Inhalation: Dust may be irritating to the respiratory tract and cause coughing or sneezing. Sec. 313 (4) CFR 372)

Section 6: First Aid Measures

Eyes: Immediately flush eyes with water for at least 15 minutes. See a physician if irritation persists.

Skin: Wash with soap and water. See a physician if irritation persists.

Ingestion: No harmful effects anticipated. See a physician if irritation persists.

Inhalation: No harmful effects anticipated. If a problem develops, remove the person to fresh air and supply of oxygen if necessary.

Section 7: Special Protection Information

Ventilation: General mechanical and local exhaust in accordance with ACGIH recommendations.

Protective Gloves: Wear gloves as standard handling procedure.

Eye Protection: Dust-tight goggles are recommended during material abrading operations.

Respiratory Protection: Use NIOSH approved dust mask if required.

Section 8: Special Precautions

Handling precautions: Nuisance dust may be generated during some material machining processes.

Section 9: Regulatory Information

DOT Proper shipping name: Plastic Laminate Sheets

DOT Hazard Class: N/A

RCRA Status: Not a hazardous waste under RCRA (40 CFR 261)

SARA/TITLE III: Toxic chemicals list: This product does not contain a toxic

chemical for routine annual toxic chemical release reporting under

Applies to the following paper phenolic colors:

Warm Gray 871 Cappuccino 414 Greige 868
Pewter 475 Soft White 410

Section 1: Ingredients

Chemical Family: High Pressure Decorative Laminate

Product Use: Various

Hazard Statement: No hazardous components

according to 29 CFR 1910.1200

Nuisance dust may be generated during cutting or sanding operations. Nuisance dust is considered as "Particles Not Otherwise Classified" or "Particulates Not Otherwise Regulated"

Section 2: Physical Data

Appearance: Solid Sheet

Odor: No discernible odor

Solubility in Water: Insoluble in water

Specific Gravity: 1.2 @ 70 F

Section 3: Fire and Explosion Data

Flammable Limits: Not considered to be flammable.

Products of Combustion: Carbon Oxides (CO and CO₂), Ammonia.

Extinguishing Media: This material is considered a "Class A" type combustible material. Use water, foam, or dry chemical to extinguish.

Fire Hazards: Combustible in presence of open flame.

Protective Clothing: Fire-fighting requires the use of a self-contained breathing apparatus with a full face piece and pressure-demand or other positive-pressure mode.

Unusual Fire & Explosion Hazards: Finely divided dust generated by sawing, sanding, or similar operations can create an explosion hazard if contacted with an ignition source.

Section 4: Reactivity Data

Stability: Stable

Conditions to Avoid: Avoid exposure to open flame.

Hazardous Decomposition or Byproducts: Thermal decomposition may release toxic and/or hazardous gases.

Hazardous Polymerization: Will not occur.

Section 5: Health Hazard Data

Routes of Entry: Potential routes of exposure are inhalation as well as skin and eye contact.

Health Hazards (Acute & Chronic): Dust from cutting or sanding operations may cause irritation to the eyes, respiratory system, and skin. Any sharp edge will cut or abrade the skin.

OSHA Regulated: No

Signs & Symptoms of Exposure: Skin inflammation is characterized by itching and reddening. Inflammation of the eye is characterized by redness, watering, and itching.

Section 5: Health Hazard Data (continued)

Medical Conditions Generally Aggravated by Exposure: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. Asthmatic conditions may be aggravated by uncontrolled airborne dust exposures.

Emergency and First Aid Procedures:

Eye Contact: Wash eyes immediately with large amounts of water. If irritation persists, seek medical attention

Ingestion: treat symptomatically and supportively if dust is ingested.

Skin Contact: dust particles may cause skin sensitization. Wash affected area with soap and water to remove residual dust.

Inhalation: remove from exposure to fresh air immediately.

Section 6: Precautions for Safe Handling & Use

Steps to be Taken in Case Material is Released or Spilled: Pick up solids and put in appropriate container for disposal.

Federal Disposal Method: This material is a non-hazardous waste. Dispose of material according to applicable federal, state, and local regulations.

Precautions to be Taken in Handling and Storing: Store in a dry, well ventilated area. Small amounts of residual formaldehyde may be released in measurable quantities when laminate is shipped or stored in bulk quantities.

Section 7: Control Measures

Respiratory Protection: When ventilation is inadequate, wear approved respirators following requirements found in OSHA's respirator standard 29 CFR 1910.134 and ANSI's standard A88.2-1992 for respirator protection.

Ventilation: Provide adequate general and local exhaust ventilation to maintain airborne concentrations below the exposure limits.

Protective Gloves: Gloves suitable for protection against cuts from rough, sharp edges and from dust are recommended.

Eye Protection: Wear ANSI-approved safety glasses or goggles in fabrication operations that may generate airborne dust.

Other Protective Clothing or Equipment: No special protective clothing is required.

Work/Hygienic Practices To prevent drying of skin, wear gloves during exposure to dust or frequently wash hands to remove residual dust. Use hand lotion to moisten hands.

Section 8: Regulatory Information

DOT: Product not regulated by D.O.T.

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

Section 1: Product Identification

Product: Expanded Insulation Corkboard
Use: Various

Section 2: Danger Identification

Not Applicable

Section 3: Product Ingredients

Chemical composition: 100% cork (suberin, lignin and cellulose). No chemical present.

Section 4: First Aid

Not Applicable

Section 5: Firefighting Measures

Means of extinction: Water, chemical powder CO₂.
Explosion risk: Not applicable.
Protection equipment: Firefighters should use autonomous breathing devices for fires in closed areas.

Section 6: Handling & Storage

Handling: No special care required.
Storage: Store the product in covered area away from rain.

Section 7: Exposure Control / Individual Protection

Breathing protection: No special equipment required under normal conditions of use.

Section 8: Physical & Chemical Properties

Aspect/Physical State: Solid, in the shape of flat panels
Colour: Dark Brown

Section 9: Stability & Reactivity

Stability: Stable in the recommended conditions of manipulation and storing
Dangerous reactions: None
Reactivity: None

Section 10: Toxicological Information

Under normal conditions of use, the product is not dangerous. There are no dangerous effects concerning the user's health resulting from exposure to the substance.

Section 11: Ecological Information

It is not classified as dangerous for the environment.

Section 12: Disposal Considerations

Product: Waste should be disposed of according to the legislation in force. Do not throw in the household waste. It can be used as combustible (energy recovery).
Packing: Disposal by recycling, according to the applicable national legislation.

Section 13: Transport Information

It is not classified as dangerous for transportation (ADR/RID; IMDG/GGV; ICAO/IATA).

Section 14: Regulatory Information

Chemical Safety Assessment: It was not performed a Chemical Safety Assessment.
This substance is not classified as dangerous to health, safety and environment, in conformity to the Directives 67/548/CEE e 1999/45/CE.

Section 15: Other Information

The information contained in this document about safety data is based on the technical knowledge of the manufacturer, on the national legislation and on the EC. The responsibility for its use belongs to the users.
The only purpose of the given information is to describe the product from the point of view of protection and safety for people and environment, therefore it cannot be considered as specifications of the product.

Section 1: Product Identification

Product: Agglomerate cork composition

Use: Various

Section 2: Danger Identification

Not Applicable

Section 3: Product Ingredients

Chemical composition: Cork & Polyurethane (CAS N° 584-84-9, CAS N° 91-08-7, CAS N° 117-81-7)

Formaldehyde free

Section 4: First Aid

Not Applicable

Section 5: Firefighting Measures

Means of extinction: Water, chemical powder CO₂.

Explosion risk: Not applicable.

Protection equipment: Firefighters should use autonomous breathing devices for fires in closed areas.

Section 6: Handling & Storage

Handling: No special care required.

Storage: Store the product at room temperature, away from rain and in a well-ventilated place.

Section 7: Exposure Control / Individual Protection

Breathing protection: No special equipment required under normal conditions of use.

Eye protection: Wear safety glasses in product-cutting situations.

Section 8: Physical & Chemical Properties

Aspect/Physical State: Solid

Colour: Light Brown

Smell: Mild

Ignition Point: > 300°C

Water Solubility: Insoluble

Section 9: Stability & Reactivity

Dangerous products resulting from decomposition:

Carbon monoxide and carbon dioxide are released at temperatures above 300°C.

Section 10: Toxicological Information

Under normal conditions of use, the product is not dangerous. There are no dangerous effects concerning the user's health resulting from exposure to the substance.

Section 11: Ecological Information

Destination and effects on the environment: Not established.

Section 12: Disposal Considerations

Waste elimination: It should be incinerated in a closed burner, or used as fuel in controlled systems.

Burning should comprise all applicable legal aspects.

Can also be recycled if sent back to distributor.

Section 13: Regulatory Information

Comply with all national provisions that may apply.

Section 14: Other Information

The data on this Safety File are based on available information at the time of compilation.

They describe the product merely in terms of health and safety requirements, whereby they should not be construed so as to warrant specific properties of the product.

Reference: Directrix 2001 / 58 / CE