

## MATERIAL SAFETY DATA SHEET

Richlite® – RainShadow™ – Whalelite® – Whaleboard® – Skatelite® – Paper Composite Materials

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### Section 1: Ingredients

Chemical Family: Cured Phenol-formaldehyde

Product Use: Various within modeling and pattern making industries.

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.

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### Section 2: Physical Data

Appearance: Tan, odorless flat sheets

Percent Volatile: 0 (zero)

Insoluble in water

Specific Gravity: 1.24

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### 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.

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### Section 4: Reactivity Data

Stability: Stable

Conditions to Avoid: Excessive Heat for prolonged periods.

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.

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### 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: Completely crosslinked phenol-formaldehyde resin is inert and non-toxic.

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

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.

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### 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 are anticipated. If a problem develops, remove the person to fresh air and supply of oxygen if necessary.

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### Section 7: Special Protection Information

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

Protective Gloves: Wear gloves as a standard handling procedure.

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

Respiratory Protection: Use NIOSH approved dust mask if required.

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### Section 8: Special Precautions

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

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### 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

Sec. 313 (40 CFR 372)

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Issued 1/20/2011 by S. O'Day, Vice President

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