

**ITEN INDUSTRIES**  
**MATERIAL SAFETY DATA SHEET**

===== Section 1 – Facility Information =====

Manufacturer's Name & Address: Iten Industries  
P.O. Box 2150  
Ashtabula, OH 44005

Emergency Telephone: 1-800-852-2482  
(American Alert)  
MSDS Information: (440) 997-6134

Latest Revision: 6 June 2007

===== Section 2 – Product Information =====

Product Name: RESITEN PRE LAMINATE B STAGE  
Color: Natural or Black  
Description: Phenolic polymer B stage Pre laminate reinforced with a cellulose substrate

===== Section 3 – Hazardous Ingredients =====

<u>Chemical Name</u>	<u>CAS #</u>	<u>WT%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
Phenolic polymer	NA	30 – 60	10 mg/m <sup>3</sup> *	15 mg/m <sup>3</sup> *
Cellulose substrate	NA	40 – 70	10 mg/m <sup>3</sup> *	15 mg/m <sup>3</sup> *
Hexamethylenetetramine	100-97-0	3 – 5	10 mg/m <sup>3</sup> *	15 mg/m <sup>3</sup> *

\* Total dust fraction for an 8 hr TWA

===== Section 4 – Physical Data =====

Boiling point - NA  
Melting point - 500° F/ 260 C  
Sp. Gravity (H2O =1) - 1.30 to 1.50  
Vapor pressure - NA  
Vapor density - NA  
Solubility in water - NA  
Evaporation rate (butyl acetate = 1) - NA  
Appearance and odor - Brown or black solid with a faint phenolic odor

===== Section 5 – Fire and Explosion Hazard Data =====

Flashpoint (CCC) - NA  
Flammable limits - LEL: NA UEL: NA  
Extinguishing media - Water, Carbon Dioxide (CO2), foam, or dry chemical

Special Fire Fighting Procedures – Conventional fire fighting procedures are to be used. Self contained NIOSH / MSHA approved breathing apparatus should be worn when entering a burning area.

Unusual Fire and Explosion Hazards – Smoke released while burning may contain some toxic fumes. May form ammonia, carbon dioxide, carbon monoxide, formaldehyde and nitrogen oxides. Organic dust at sufficient concentrations can form explosive mixtures.

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Section 6 – Reactivity Data  
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Stability - Stable

Hazardous Decomposition Products – Small quantities of HCN, CO<sub>2</sub>, CO, formaldehyde phenol, and other hydrocarbons

Hazardous Polymerization – Will not occur X

Conditions to avoid - Material will be attacked slowly by strong oxidizing agents. Avoid uncontrolled temperature extremes.

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Section 7 – Health Hazard Data  
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Route(s) of Entry	-	<u>Inhalation</u>	<u>Skin</u>	<u>Ingestion</u>
As nuisance dust		x	x	x

Health Hazards (Acute and Chronic) – Chronic: A small proportion of exposed people may develop an allergic reaction after prolonged or repeated exposure.

		<u>NTP</u>	<u>IARC Monographs</u>	<u>OSHA Regulated</u>
Carcinogenicity	-	No	No	No

Symptoms of exposure – Nuisance dust may cause minor irritations to eyes and respiratory passages. Acute dermal or inhalation toxicity may be exhibited in super sensitive individuals.

Medical conditions which may be aggravated by exposure – Unknown, possibly allergies. Inhalation of dust may aggravate respiratory disorders. Dust contact with skin may aggravate pre-existing skin disorders.

Emergency and First Aid Procedures – For dust contamination, wash eyes with water for 15 minutes, wash skin with soap and water, and remove and wash clothes. If symptoms persist seek medical attention.

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Section 8 – Precautions for Safe Handling and Use  
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Steps to be taken in case of spill - NA

Waste Disposal – Landfill or incinerate according to applicable federal, state and local laws.

Handling and Storage – Sheets may slide if stacked too high and not restrained properly. Nuisance dust may be present at cutting stations or on milled product.

==== Section 9 – Control Measures to be Followed =====

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

**Eye Protection**

Chemical splash goggles in compliance with OSHA regulations are advised; however OSHA regulations also permit other type safety glasses. Consult your safety representative.

**Skin and Body Protection**

Wear normal work clothing covering arms and legs. Wear resistant gloves such as: Neoprene.

**Respiratory Protection**

If workplace exposure limit(s) of product or any component is exceeded (see exposure guideline), a NIOSH-approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH respirators (negative pressure type) under specified conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

Other precautions – Exhaust fumes when heating, and wear protective clothing to prevent contact with dust. Wash hands before handling food. Do not eat, drink or smoke in a dusty environment. Do not ingest material or dust.

==== Section 10 – SARA Section 313 Supplier Notification =====

Applicable		
<u>Chemical / Category</u>	<u>CAS Number</u>	<u>WT %</u>

This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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