

MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product: Laminated Countertops
Manufacturers Name: Topco Laminates Corporation
Address: 600 N. Franklin
Fort Scott, KS 66701
Phone: (620) 223-4460
Date: January 29, 2009

SECTION 2. HAZARDOUS INGREDIENTS

Under some conditions the following hazardous chemicals may be released from the particle-board substrate in countertops.

<u>Chemical or Component</u>	<u>CAS#</u>		<u>ACGIH Exposure Limit</u>	<u>OSHA Exposure Limit</u>
Formaldehyde	50-00-0	<0.3pp, vapor escape, decrease with time OSHA PEL - TWA: .75ppm OSHA PEL - STEL: 2ppm ACGIH TLV - CEILING: .3ppm		
Wood Dust	NA		5 mg/m3 8 hr. TWA 10mg/m3 STEL	NA
Wax	8002-74-2		2mg/m3	NA

SECTION 3. PHYSICAL CHARACTERISTICS

Boiling Point: NA
Vapor Pressure (mmHG) : NA
Vapor Density (Air=1): NA
Solubility in Water: <0.1%

Specific Gravity (H2O=1): <1
Melting Point: NA
Evaporation Rate (Butyl Acetate=1): NA
Appearance & Odor: Solid-No distinctive odor

SECTION 4. FIRE & EXPLOSION DATA

Flash Point: NA

Auto Ignition Temperature: 425°F - 475°F

Flamable Limits: Formaldehyde LEL 7%, UEL 73%

Extinguishing Media: CO₂, Foam, Dry Chemical. Hot melt adhesives used in countertops will foam and sputter at temperatures above 430°F if water is used to extinguish.

Special Fire Fighting Procedures: None

Unusual Fire & Explosion Hazards: Countertops are not explosion hazards. Sawing, sanding or machining could result in the by-product wood dust from the particle-board substrate. Depending on moisture and particle size, wood dust may explode. An airborne concentration of 40g/m³ is often used as the LEL for wood dust.

SECTION 5. REACTIVITY DATA

Stable: X

Unstable:

Conditions to Avoid: NA

Hazardous Decomposition or By-Products: Thermal and/or thermal-oxidative decomposition can produce irritating and toxic fumes and gases including CO, aldehydes and organic acids.

Hazardous Polymerization: Will not occur

Conditions to Avoid: NA

SECTION 6. HEALTH HAZARD DATA

Formaldehyde Vapor

Signs and Symptoms of Exposure:

Acute: May cause temporary irritation of skin, eyes or respiratory system. May cause sensitization in susceptible individuals.

Chronic: Rats exposed to 14 PPM formaldehyde developed nasal cancer. The NCI epidemiology study of 26,000 workers found little evidence linking formaldehyde exposure to cancer. The EPA has classified formaldehyde a B-1 Probable Human Carcinogen. Formaldehyde is listed by the IARC and the NTP as an animal carcinogen.

Medical Conditions Aggravated by Exposure: Respiratory conditions or allergies.

Emergency First Aid Procedures:

Inhalation:	Remove to fresh air.
Eyes:	Remove to fresh air.
Skin:	Remove to fresh air.
Ingestion:	NA

If irritation or other symptoms persist, consult a physician.

Wood Dust

Signs and Symptoms of Exposure: Exposure to wood dust can produce allergic reactions in sensitive individuals. Allergic responses include dermatitis as a result of skin contact and respiratory irritation, coughing or breathing difficulties as a result of inhalation.

Medical Conditions Aggravated by Exposure: Respiratory conditions or allergies.

Emergency First Aid Procedures:

Eyes:	Flush with water to remove dust particles. If irritation persists, get medical attention.
Skin:	Seek medical attention if a rash, dermatitis or other skin disorders occur.
Ingestion:	NA
Inhalation:	Remove to fresh air.

If irritation or other symptoms persist, consult a physician.

SECTION 7. PRECAUTIONS FOR SAFE HANDLING AND USE.

Steps to be Taken if Material is Released or Spilled: N/A in purchased form.

Waste Disposal Method: Incinerate or land fill in accordance with local, state and federal regulations.

Precautions in Handling and Storing: Provide adequate ventilation to prevent formaldehyde buildup.

Other Precautions: Store in dry cool area. Avoid open flame. This product will release small amounts of formaldehyde. Use NIOSH/MSHA approved respirator if exposure limits may be exceeded.

SECTION 8. CONTROL MEASURES

Respiratory Protection: Wear NIOSH/MSHA approved breathing protection for exposure to wood dust. Respirators are required if air contaminants exceed AOGIH TLV.

Local Exhaust: Necessary to remove dust in sanding, sawing and machining process or as required to meet exposure limits.

Mechanical Exhaust: Ventilate to assure formaldehyde concentration is less than AOGIH TLV.

Special: NA

Other: NA

Eye Protection: Wear safety goggles in dusty environments.

Protective Gloves: NA

Other Protective Clothing: NA

Work/Hygenic Practices: Follow good housekeeping and hygenic practices. Minimize blowdown of equipment which generates airborne dust particles.

Disclaimer

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