Material Safety Data Sheet

Revision Date: 11-Jul-2007

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: BENWOOD INT WOOD FINISH POLYURETHANE HIGH GLOSS
Product Code: N42800
Color: All

Manufacturer: Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
Phone: 201-573-9600
www.benjaminmoore.com

Emergency Telephone Number(s)
CHEMTREC: 800-424-9300

2. COMPOSITION INFORMATION ON COMPONENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight % (max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent</td>
<td>8052-41-3</td>
<td>30</td>
</tr>
<tr>
<td>Solvent naphtha, petroleum, light aromatic</td>
<td>64742-95-6</td>
<td>5</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>95-63-6</td>
<td>5</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>5</td>
</tr>
<tr>
<td>1,3,5-Trimethylbenzene</td>
<td>108-67-8</td>
<td>5</td>
</tr>
<tr>
<td>Cumene</td>
<td>98-82-8</td>
<td>5</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

Emergency Overview

DANGER
Vapors may be irritating to eyes, nose, throat, and lungs. May cause skin irritation and/or dermatitis. Combustible material. Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded.

Appearance: Amber liquid
Odor: Mild

OSHA Regulatory Status
This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Health Effects
Principal Routes of Exposure

Eye contact, skin contact and inhalation.

Acute Effects

**Eyes**
Contact with eyes may cause irritation.

**Skin**
May cause skin irritation and/or dermatitis.

**Inhalation**
High vapor / aerosol concentrations are irritating to the eyes, nose, throat and lungs and may cause headaches, dizziness, drowsiness, unconsciousness, and other central nervous system effects.

**Ingestion**
Ingestion may cause irritation to mucous membranes. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

Chronic Effects
Avoid repeated exposure

See Section 11 for additional Toxicological information.

Aggravated Medical Conditions
None known

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health: 2</th>
<th>Flammability: 2</th>
<th>Reactivity: 0</th>
<th>PPE: -</th>
</tr>
</thead>
</table>

**HMIS Legend**
0 - Minimal Hazard
1 - Slight Hazard
2 - Moderate Hazard
3 - Serious Hazard
4 - Severe Hazard
* - Chronic Hazard
X - Consult your supervisor or S.O.P. for "Special" handling instructions.

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, Benjamin Moore & Co., has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

4. FIRST AID MEASURES

**General Advice**
If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

**Eye Contact**
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Skin Contact**
Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**Inhalation**
Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. Call a physician immediately.

**Ingestion**
Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician.
Notes To Physician
Treat symptomatically

Protection Of First-Aiders
Use personal protective equipment

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Foam, dry powder or water. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Protective Equipment And Precautions For Firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Specific Hazards Arising From The Chemical**
Combustible material. Closed containers may rupture if exposed to fire or extreme heat. Keep product and empty container away from heat and sources of ignition. Thermal decomposition can lead to release of irritating gases and vapors.

**Sensitivity To Mechanical Impact**
No

**Sensitivity To Static Discharge**
Yes

**Flash Point Data**

<table>
<thead>
<tr>
<th>Measure Type</th>
<th>Measure Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (°F)</td>
<td>104</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>40</td>
</tr>
<tr>
<td>Flash Point Method</td>
<td>PMCC</td>
</tr>
</tbody>
</table>

**Flammability Limits In Air**

<table>
<thead>
<tr>
<th>Measure Type</th>
<th>Measure Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower Explosion Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper Explosion Limit</td>
<td>Not available</td>
</tr>
</tbody>
</table>

**NFPA**

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>2</td>
<td>0</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

**NFPA Legend**

0 - Not Hazardous
1 - Slightly
2 - Moderate
3 - High
4 - Severe

The ratings assigned by Benjamin Moore & Co. are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.

Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at www.nfpa.org.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**
Use personal protective equipment. Remove all sources of ignition.
7. HANDLING AND STORAGE

Handling
Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist. Wear personal protective equipment. Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from open flames, hot surfaces and sources of ignition.

Storage
Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep in properly labeled containers.

DANGER - Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits

Hazardous Components

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent</td>
<td>TWA 100 ppm</td>
<td>PEL 2900 mg/m³ / 500 ppm</td>
</tr>
<tr>
<td>Solvent naphtha, petroleum, light aromatic</td>
<td>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>TWA 25 ppm</td>
<td>N/E</td>
</tr>
<tr>
<td>Xylene</td>
<td>TWA 100 ppm</td>
<td>PEL 435 mg/m³ / 100 ppm</td>
</tr>
<tr>
<td>STEL: 150 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,3,5-Trimethylbenzene</td>
<td>TWA 25 ppm</td>
<td>N/E</td>
</tr>
<tr>
<td>Cumene</td>
<td>TWA 50 ppm</td>
<td>PEL 245 mg/m³ / 50 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Can be absorbed through the skin.</td>
</tr>
</tbody>
</table>

Legend
ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits
OSHA - Occupational Safety & Health Administration Exposure Limits
N/E - Not Established

Engineering Measures
Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection
Safety glasses with side-shields.

Skin Protection
Long sleeved clothing. Protective gloves.
Respiratory Protection
In case of insufficient ventilation wear suitable respiratory equipment. When spraying the product or applying in confined areas, wear a NIOSH approved respirator specified for paint spray or organic vapors.

Hygiene Measures
Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Amber liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>mild</td>
</tr>
<tr>
<td>Density (lbs/gal)</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.895</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity (centistokes)</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Wt. % Solids</td>
<td>&gt; 60</td>
</tr>
<tr>
<td>Vol. % Solids</td>
<td>Not available</td>
</tr>
<tr>
<td>Wt. % Volatiles</td>
<td>&lt; 40</td>
</tr>
<tr>
<td>Vol. % Volatiles</td>
<td>Not available</td>
</tr>
<tr>
<td>VOC (g/L)</td>
<td>&lt; 350</td>
</tr>
<tr>
<td>Boiling Point (°F)</td>
<td>312 - 385</td>
</tr>
<tr>
<td>Boiling Point (°C)</td>
<td>155 - 196</td>
</tr>
<tr>
<td>Freezing Point (°F)</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing Point (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point (°F)</td>
<td>104</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>40</td>
</tr>
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<td>Flash Point Method</td>
<td>PMCC</td>
</tr>
<tr>
<td>Upper Explosion Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Lower Explosion Limit</td>
<td>Not available</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Chemical Stability
Stable under normal conditions. Hazardous polymerisation does not occur.

Conditions To Avoid
Keep away from open flames, hot surfaces, static electricity and sources of ignition.

Incompatible Materials
Incompatible with strong acids and bases and strong oxidizing agents.

Hazardous Decomposition Products
Thermal decomposition can lead to release of irritating gases and vapors.

Possibility Of Hazardous Reactions
None under normal conditions of use.
11.  TOXICOLOGICAL INFORMATION

Acute Toxicity

Product
Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

Component
No information available

Stoddard solvent
LD50 Oral: > 5,000 mg/kg (Rat)
LD50 Dermal: > 3160 mg/kg (Rabbit)
LC50 Inhalation (Vapor): > 6.1 mg/L (Rat)

Solvent naphtha, petroleum, light aromatic
LD50 Oral: 8400 mg/kg (Rat)

1,2,4-Trimethylbenzene
LD50 Oral: 5000 mg/kg (Rat)
LC50 Inhalation (Vapor): 18000 mg/m³ (Rat, 4 hr.)

Xylene
LD50 Oral: 4300 mg/kg (Rat)
LD50 Dermal: > 1700 mg/kg (Rabbit)
LC50 Inhalation (Vapor): 5000 ppm (Rat, 4 hr.)

1,3,5-Trimethylbenzene
LD50 Oral: 5,000 mg/kg (Rat)
LC50 Inhalation (Vapor): 24,000 mg/m³ (Rat, 4 hr.)

Cumene
LD50 Oral: 1400 - 2900 mg/kg (Rat)
LD50 Dermal: 12300 µL/kg (Rabbit)
LC50 Inhalation (Vapor): 39000mg/kg (Rat)

Chronic Toxicity

Carcinogenicity
The information below indicates whether each agency has listed any ingredient as a carcinogen:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent</td>
<td></td>
<td>3 Classification not possible from current data.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Xylene</td>
<td></td>
<td>3 Classification not possible from current data.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Revision Date: 11-Jul-2007
12. ECOLOGICAL INFORMATION

Ecotoxicity Effects

Product
Acute Toxicity to Fish
No information available

Acute Toxicity to Aquatic Invertebrates
No information available

Acute Toxicity to Aquatic Plants
No information available

Component
Acute Toxicity to Fish
No information available

Acute Toxicity to Aquatic Invertebrates
No information available

Acute Toxicity to Aquatic Plants
No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method
Dispose of in accordance with federal, state, and local regulations. Dry, empty containers may be recycled in a can recycling program. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

14. TRANSPORT INFORMATION

DOT
Not regulated

ICAO / IATA
Contact Benjamin Moore & Co. for further information.

IMDG / IMO
Contact Benjamin Moore & Co. for further information.
15. REGULATORY INFORMATION

International Inventories

United States TSCA  Yes - All components are listed or exempt.
Canada DSL  Yes - All components are listed or exempt.

Federal Regulations

SARA 311/312 hazardous categorization

<table>
<thead>
<tr>
<th>hazard category</th>
<th>classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight % (max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>95-63-6</td>
<td>5</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>5</td>
</tr>
<tr>
<td>Cumene</td>
<td>98-82-8</td>
<td>5</td>
</tr>
</tbody>
</table>

This product may contain trace amounts of (other) SARA reportable chemicals. Contact Benjamin Moore & Co. for further information.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product contains the following HAPs:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight % (max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>5</td>
</tr>
<tr>
<td>Cumene</td>
<td>98-82-8</td>
<td>5</td>
</tr>
</tbody>
</table>

This product may contain trace amounts of (other) HAPs chemicals. Contact Benjamin Moore & Co. for further information.

State Regulations

California Proposition 65
This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.

State Right-to-Know

Page 8 / 9
<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
<th>Louisiana</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Xylene</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>1,3,5-Trimethylbenzene</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Cumene</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

Legend
X - Listed

16. OTHER INFORMATION

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Prepared By
Product Stewardship Department
Benjamin Moore & Co.
360 Route 206 - P.O. Box 4000
Flanders, NJ 07836
973-252-2593

Revision Date: 11-Jul-2007
Revision Summary
Not available

Disclaimer
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End of MSDS