

## SECTION I GENERAL INFORMATION

**Trade Name:** LAMINATED BEAM PRODUCTS  
**Common Name:** GLULAM BEAMS

**Manufacturer's Name:** ROSBORO  
ADDRESS: P O BOX 20  
SPRINGFIELD OR 97477

**Emergency Telephone No.:** (541) 746-8411 **Information Telephone No.:** (541) 746-8411  
**Prepared by:** SAFETY DEPARTMENT

**Chemical Name:** N/A  
**Generic Name:** N/A  
**Synonyms:** N/A

**DESCRIPTION:** BONDED LAYERS OF WOOD LAMINATIONS

## SECTION II - HAZARDOUS INGREDIENTS / IDENTIFY INFORMATION

<u>Chemical Name</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>CAS Number</u>	<u>Percent</u>
WOOD/WOOD DUST	15 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	NONE	>99
PHENOL-FORMALDEHYDE OR PHENOL- RESORCINOL- FORMALDEHYDE RESIN	0.75 ppm	0.3 ppm	NONE	1-9
PARAFFIN WAX	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	8002-74-2	0-2

NOTE: If PEL or TLV is followed by the letter M, value is Mg/Cubic Meter

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point (F):** N/A  
**Pure or Mixture:** MIXTURE  
**Vapor Pressure:** N/A  
**Melting Point (F):** N/A  
**Evaporation Rate (Butyl Acetate = 1):** N/A  
**pH:** N/A  
**Vapor Density (Air=1):** N/A  
**Ignition Temperature (F):** N/A  
**Solubility in Water:** NONE  
**Specific Gravity:** .40-.80  
**Physical State:** SOLID  
**Appearance and Odor:** SLIGHT RESINOUS AND WOOD ODOR

MSDS: 48

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (F):** N/A

**Method:** N/A

**Flammability Classification:** NFPA RATING 1

**Flammable Limits in Air:** N/A

**Extinguishing Media:** WATER, CARBON DIOXIDE, SAND

**Special Fire Fighting Procedures:** N/A

**Unusual Fire & Explosion Hazards:** DEPENDING ON MOISTURE CONTENT AND MORE IMPORTANTLY, PARTICLE DIAMETER, WOOD DUST MAY EXPLODE IN THE PRESENCE OF AN IGNITION SOURCE. AN AIRBORNE CONCENTRATION OF 40 GRAMS OF DUST PER CUBIC METER OF AIR IS OFTEN USED AS THE LOWER EXPOSURE LIMIT FOR WOOD DUSTS.

**SECTION V - REACTIVITY DATA**

**Stability:** NORMALLY STABLE

**Incompatibilities:** AVOID CONTACT WITH OXIDIZING AGENTS

**Conditions To Avoid:** AVOID OPEN FLAME. PRODUCT MAY IGNITE AT TEMPERATURES IN EXCESS OF 400 deg F (204 deg C)

**Hazardous Decomposition Products:** N/A

**Hazardous Polymerization:** WILL NOT OCCUR

**Other Reactivity Data:** N/A

**SECTION VI - HEALTH HAZARD DATA**

**ROUTES OF ENTRY:** EYES, SKIN, INHALATION

**HEALTH HAZARDS**

**Primary:** WOOD DUST - CONTACT OR INHALATION MAY CAUSE MINOR IRRITATION

**Carcinogenicity:** NTP - WOOD DUST, KNOWN TO BE A HUMAN CARCINOGEN. FORMALDEHYDE GAS, REASONABLY ANTICIPATED TO BE A HUMAN CARCINOGEN. IARC MONOGRAPHS - WOOD DUST, GROUP 1 - CARCINOGENIC TO HUMANS. FORMALDEHYDE, GROUP 1 - CARCINOGENIC TO HUMANS. OSHA REGULATED - FORMALDEHYDE GAS, POTENTIAL CARCINOGEN FOR EXPOSURES EXCEEDING 0.5 ppm.

**SIGNS & SYMPTOMS OF EXPOSURE / EMERGENCY & FIRST-AID PROCEDURES**

**Eye Contact:** TREAT DUST IN EYE AS FOREIGN OBJECT. FLUSH WITH WATER TO REMOVE DUST PARTICLES. SEEK MEDICAL HELP IF IRRITATION PERSISTS.

**Skin Contact:** SEEK MEDICAL HELP IF IRRITATION, RASH OR DERMATITIS PERSISTS.

**Inhaled:** REMOVE TO FRESH AIR. SEEK MEDICAL HELP IF PERSISTENT IRRITATION, SEVERE COUGHING OR BREATHING DIFFICULTIES OCCUR.

**Medical Conditions Aggravated By Exposure:** WOOD DUST MAY AGGRAVATE PRE-EXISTING RESPIRATORY CONDITIONS OR ALLERGIES.

MSDS: 48

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Action If Released or Spilled:** WOOD DUST MAY BE VACUUMED OR SHOVELED FOR RECOVERY AND DISPOSAL. AVOID DUSTY CONDITIONS AND PROVIDE GOOD VENTILATION. USE NIOSH/MSHA APPROVED RESPIRATOR AND GOGGLES WHERE VENTILATION IS NOT POSSIBLE.

**Waste Disposal Method:** IF DISPOSED OR DISCARDED IN ITS PURCHASED FORM, INCINERATION IS PREFERABLE. DRY LAND DISPOSAL IS ACCEPTABLE IN MOST STATES. IT IS THE USER'S RESPONSIBILITY TO DETERMINE AT THE TIME OF DISPOSAL WHETHER YOUR PRODUCTS MEET RCRA CRITERIA FOR HAZARDOUS WASTE.

**Handling/Storage Precautions:** NO SPECIAL HANDLING PRECAUTIONS ARE REQUIRED. THESE PRODUCTS MAY RELEASE GASEOUS AMOUNTS OF FORMALDEHYDE IN AMOUNTS BELOW THE HEALTH HAZARD LEVEL DETERMINED BY OSHA. STORE IN WELL VENTILATED, COOL, DRY PLACE AWAY FROM HEAT, FLAMES, SPARKS AND OTHER SOURCES OF IGNITION.

**NOTE:** DISPOSE OF ALL WASTE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

**SECTION VIII - CONTROL MEASURES**

**Work/Hygiene Practices:** FOLLOW GOOD HYGIENIC AND HOUSEKEEPING PRACTICES. CLEAN UP AREAS WHERE WOOD DUST SETTLES TO AVOID EXCESSIVE ACCUMULATION OF THIS COMBUSTIBLE MATERIAL. MINIMIZE BLOW DOWN OR OTHER PRACTICES THAT GENERATE HIGH AIRBORNE DUST CONCENTRATIONS.

**Special Protective Measures:** **RESPIRATORY** - USE NIOSH APPROVED RESPIRATOR WHEN ALLOWABLE EXPOSURE LIMITS MAY BE EXCEEDED. **SKIN** - CLOTH, LEATHER OR CANVAS GLOVE ARE RECOMMENDED TO PREVENT MECHANICAL IRRITATION FROM HANDLING PRODUCT. **EYES** - GOGGLES OR SAFETY GLASSES ARE RECOMMENDED WHEN MACHINING THIS PRODUCT.

**Other Controls, Protection:** N/A

**LOCATIONS WHERE THIS PRODUCT MAY BE PRESENT ARE:**

**Department:** GLULAM **Location:** GLULAM PLANT AND BEAM YARD

**ADDITIONAL INFORMATION**

The information contained in this Material Safety Data Sheet is based on the experience of occupational health and safety professionals and comes from sources believed to be accurate or otherwise technically correct. It is the user's responsibility to determine if this information is suitable for their applications and to follow safety precautions that may be necessary. The user has the responsibility to make sure that this sheet is the most up to date issue.

**DATE: REVISED May 3, 2007**