

MATERIAL SAFETY DATA SHEET

PRODUCT: Exterior Grade Phenolic Bonded Birch Plywood Underlayment

IDENTITY	MATRIX ENGINEERED UNDERLAYMENT	MANUFACTURERS NAME	TRAXX CORPORATION
SYNONYMS	WOOD UNDERLAYMENT, EXTERIOR GRADE BIRCH PLYWOOD	ADDRESS	1201 E. LEXINGTON AVE. POMONA, CA 91766
CAS NUMBER	NONE	EMERGENCY TELEPHONE NO.	(909) 623-8032
DATE PREPARED	DECEMBER 28, 2008	INFORMATION TELEPHONE NO.	(909) 623-8032

I. HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA STEL	OSHA PEL	PERCENTAGE
HARDWOOD DUST	5 mg/m ³	10 mg/m ³	5 mg/m ³	10 mg/m ³	TRACE
FORMALDEHYDE	N/A	0.3 ppm (C*)	2 ppm	0.75 ppm	< 0.05 ppm
MEETS CARB PHASE 1 AND PHASE 2 FORMALDEHYDE EMISSION STANDARDS UNDER SECTION 93120.2(a)					
* C = Ceiling Limit, never to be exceeded					

II. PHYSICAL DATA

BOILING POINT ((760 mm, Hg)	N/A	MELTING POINT	N/A	pH	N/A
SPECIFIC GRAVITY (H ₂ O=1)	0.8	VAPOR PRESSURE AT 20°C	N/A		
VAPOR DENSITY (AIR=1)	N/A	SOLUBILITY IN WATER % BY WT.	<1%		
PERCENT VOLATILES BY VOLUME	0	EVAPORATION RATE (BUTYL ACETATE = 1)	N/A		
APPEARANCE AND ODOR	BROWN OR TAN PLYWOOD, SLIGHTLY AROMATIC WOOD ODOR.				

III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD)	N/A	AUTOIGNITION TEMPERATURE	400-500°F		
FLAMMABLE LIMITS IN AIR, PERCENT BY VOLUME	WOOD DUST	LOWER (LEL)	APPROX. 40g/M ²	UPPER (UEL)	N/A
EXTINGUISHING MEDIA:	WATER, SAND, CO ₂ AND CHEMICAL EXTINGUISHERS.		FLAME SPREAD CLASS III		
SPECIAL FIRE FIGHTING PROCEDURES:	USE NORMAL FIREFIGHTING METHODS FOR WOOD FIRES.		FLAME SPREAD RATING 80 - 200		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	NONE				

IV. REACTIVITY DATA

STABILITY:	STABLE
CONDITIONS TO AVOID:	AVOID CONTACT WITH OXIDIZING AGENTS. AVOID OPEN FLAME. PRODUCT MAY IGNITE AT TEMPERATURE IN EXCESS OF 400°F (204°C).
INCOMPATIBILITY (MATERIALS TO AVOID)	OXIDIZING AGENTS AND DRYING OILS.
HAZARDOUS DECOMPOSITION PRODUCTS:	CARBON MONOXIDE, CARBON DIOXIDE, ALIPHATIC ALDEHYDES, ROSIN ACIDS, TERPENES, AND POLYCYCLIC AROMATIC HYDROCARBONS.
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR

V. HEALTH HAZARD DATA**EFFECTS OF OVEREXPOSURE:****ACUTE OVEREXPOSURE:**

WOOD SAW DUST CAN IRRITATE THE EYES AND BREATHING PASSAGES. SOME WOOD SPECIES MAY CAUSE SKIN AND RESPIRATORY IRRITATION. CHEMICAL EFFECTS FROM SOME WOOD SPECIES CAN RESULTS IN RESPIRATORY ALLERGIES. RESPIRATORY AILMENTS HAVE INCLUDED BROCHITIS, IMPAIRMENT OF BREATHING FUNCTIONS, AND ASTHMA. EXCESSIVE CONCENTRATION MAY CAUSE DEPOSITS IN NASAL passages.

CHRONIC OVEREXPOSURE:

SOME SPECIES OF WOOD DUST CAN ELICIT ALLERGIC CONTACT DERMATITIS IN SENSITIZED INDIVIDUALS AS WELL AS MECHANICAL IRRITATION RESULTING IN ERYTHEMA AND HIVES. PROLONGED EXPOSURE TO CERTAIN SPECIES OF HARDWOOD DUST HAVE BEEN STATISTICALLY ASSOCIATED WITH NASAL CANCER. FORMALDEHYDE HAS BEEN SHOWN TO CAUSE CANCER IN CERTAIN LABORATORY ANIMALS AT EXTREME CONDITIONS. FORMALDEHYDE MAY BE IRRITATING TO THE EYES, NOSE, SKIN, AND MAY AGGRAVATE EXISTING RESPIRATORY PROBLEMS AND CAUSE ALLERGIES TO SUSCEPTIBLE PERSONS.

EMERGENCY AND FIRST AID PROCEDURES:

1. INHALATION: REMOVE FROM AREA TO FRESH AIR. IF PERSISTENT IRRITATION, SEVERE COUGHING, BREATHING DIFFICULTIES OR RASH OCCUR. SEEK MEDICAL ADVICE. (PRIMARY ROUTE OF EXPOSURE IS INHALATION).
2. EYES: SAW DUST MAY MECHANICALLY IRRITATE THE EYE RESULTING IN REDNESS OR WATERING. FLUSH WITH WATER FOR AT LEAST 15 MINUTES TO REMOVE DUST PARTICLES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
3. SKIN: VARIOUS SPECIES OF WOOD DUST CAN ELICIT ALLERGIC CONTACT DERMATITIS IN SENSITIZED INDIVIDUALS AFTER REPETITIVE CONTACT. IF A RASH, OR PERSISTENT IRRITATION, OR DERMATITIS OCCUR, SEEK MEDICAL ADVICE.
4. INGESTION: NOT APPLICABLE UNDER NORMAL USE.

VI. PRECAUTIONS FOR SAFE HANDLING AND USE

SPECIAL HANDLING PRECAUTIONS ARE REQUIRED. PLYWOOD PANELS ARE COMBUSTIBLE. KEEP IN COOL, DRY PLACE AWAY FROM OPEN FLAME AND OTHER SOURCES OF IGNITION. WEAR GLOVES TO AVOID SPLINTERS AND SKIN PUNCTURE.

VII. SPILL OR LEAK PROCEDURES**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

NOT APPLICABLE FOR PRODUCT IN PURCHASED FORM. SAW DUST AND SCRAPS MAY BE VACUUMED OR SHOVELED FOR RECOVERY OR DISPOSAL. AVOID DUSTING CONDITIONS. PROVIDE GOOD VENTILATION WHERE DUSTING IS POSSIBLE. USE NIOSH/OSHA APPROVED DUST 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, HOWEVER, THE USER'S RESPONSIBILITY TO DETERMINE AT THE TIME OF DISPOSAL WHETHER THIS PRODUCT MEETS FEDERAL, STATE OR LOCAL REGULATIONS.

VIII. CONTROL MEASURES**PRECAUTIONS:**

IF THIS PRODUCT IS USED IN A PROCESS WHICH GENERATES DUST LEVELS IN EXCESS OF THE ALLOWABLE EXPOSURE LIMIT(S) FOR WOOD DUST, A NIOSH/SHA APPROVED DUST RESPIRATOR AND GOGGLES SHOULD BE WORN. DUE TO THE EXPLOSIVE POTENTIAL OF WOOD DUST WHEN SUSPENDED IN AIR, PRECAUTIONS SHOULD BE TAKEN TO PREVENT SPARKS OR OTHER IGNITION SOURCES IN VENTILATION SYSTEMS. USE OF TOTALLY ENCLOSED MOTORS IS RECOMMENDED OR MAY BE WARRANTED IF PROCESS GENERATES EXCESSIVE LEVELS OF WOOD DUST.

DISCLAIMER:

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