

MATERIAL SAFETY DATA SHEET

IDENTITY	MULTIPLY BIRCH PLYWOOD UNDERLAYMENT	MANUFACTURERS	
SYNONYMS	PLYWOOD UNDERLAYMENT, EXTERIOR GRADE BIRCH PLYWOOD	NAME	HALEX CORPORATION
CAS NUMBER	NONE	ADDRESS	750 S. RESERVOIR ST. POMONA, CA 91766
DATE PREPARED	DECEMBER 17, 2004	EMERGENCY	
		TELEPHONE NO.	(909) 622-3537
		INFORMATION	
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I. HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	ACGIH STEL	OSHA STEL	OSHA PEL	ACHIH TLV
HARDWOOD DUST	10 MG/M ³	10 MG/M ³	5 MG/M ³	5 MG/M ³
PHENOLIC RESIN	N/A	N/A	N/A	N/A

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		EVAPORATION RATE	N/A		
BY VOLUME	0	(BUTYL ACETATE = 1)			
APPEARANCE AND ODOR	BROWN OR TAN PLYWOOD, SLIGHTLY AROMATIC WOOD ODOR.				

III. FIRE AND EXPLOSION HAZARD DATA

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

IV. REACTIVITY DATA

STABILITY		CONDITIONS TO AVOID	
UNSTABLE	STABLE	NONE	GOOD HOUSEKEEPING AND ROUTINE DISPOSAL OF PANEL DUST RECOMMENDED.
	X		
INCOMPATIBILITY			
(MATERIALS TO AVOID)	OXIDIZING AGENTS AND DRYING OILS.		
HAZARDOUS DECOMPOSITION PRODUCTS:	NONE		
HAZARDOUS POLYMERIZATION	CONDITIONS TO AVOID	NONE	
MAY OCCUR	WILL NOT OCCUR		
	X		

MATERIAL NAME: MULTIPLY BIRCH PLYWOOD UNDERLAYMENT

V. HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

ACUTE OVEREXPOSURE:

SAW DUST MAY BE MECHANICAL IRRITANT TO EYES. EXCESSIVE CONCENTRATION MAY CAUSE DEPOSITS IN NASAL PASSAGES RESULTING IN RHINORRHEA, DRY COUGH, WHEEZING, SINUSITIS.

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 IN BRITISH FURNITURE WORKERS.

EMERGENCY AND FIRST AID PROCEDURES:

1. INHALATION: REMOVE 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 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: N/A

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/MSHA 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/MSHA 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.

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