

MATERIAL SAFETY DATA SHEET MIRATEC®

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SECTION 1: MATERIAL IDENTIFICATION

PRODUCT NAME: MIRATEC® EXTERIOR TRIM,
PREFINISHED MIRATEC

SECTION 2. INGREDIENTS AND HAZARDS

INGREDIENTS AND HAZARDS	EXPOSURE LIMITS
WOOD FIBER (USE OF THESE PRODUCTS MAY CREATE WOOD DUST)	OSHA TWA: 5 MG/M3 STEL: 10 MG/M3 PEL 15 MG/ M3 - TOTAL

MG/M3 - RESPIRABLE

ACGIH
TLV-TWA: 1 MG/M3

PARAFFIN WAX (CAS 8002-74-2) TWA 2 MG/M3 (FUMES)

ZINC BORATE (CAS 138265-88-0) TWA 10 MG/M3
(PARTICULATE NOT OTHERWISE CLASSIFIED)

PHENOLIC RESIN (SOLIDS) (1) TRADE SECRET NONE ESTABLISHED.

(1) THE U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT RECOGNIZES THE LOW FUMING NATURE OF PHENOLIC RESIN PRODUCTS AND HAS EXEMPTED THEM FROM THE TESTING AND CERTIFICATION REQUIREMENTS OF THE MANUFACTURED HOME CONSTRUCTION AND SAFETY STANDARDS (24 CFR PART 3280).

SECTION 3. PHYSICAL DATA

SOLUBILITY IN WATER: NIL

SPECIFIC GRAVITY (H₂O=1): 0.60 - .90

APPEARANCE AND ODOR: LIGHT BROWN TO BROWN COLORED BOARD WHEN UNCOATED, LOW ODOR.

SECTION 4. FIRE AND EXPLOSION DATA

FLASH POINT AND METHOD: NONE

AUTOIGNITION TEMPERATURE: VARIABLE 390 DEG. - 500 DEG. F.

FLAMMABILITY LIMITS IN AIR: VARIABLE

EXTINGUISHING MEDIA: WATER, FOAM.

UNUSUAL FIRE/EXPLOSION HAZARDS: WOOD DUST REQUIRES 0.040 JOULES/MINUTES OF ENERGY FOR IGNITION AND CAN PRODUCE AN EXPLOSION PRESSURE OF 113 PSIG. MAX.

SPECIAL FIRE FIGHTING PROCEDURES: WHEN EXPOSED TO FUMES, WEAR A SELF-CONTAINED BREATHING APPARATUS (SCBA) WITH FULL FACE PIECE OPERATED IN THE PRESSURE-DEMAND OR POSITIVE PRESSURE MODE.

COMMENTS: IF WOOD DUST IS BEING PRODUCED FROM THIS PRODUCT, IT SHOULD BE KEPT IN A COOL, DRY PLACE AWAY FROM IGNITION SOURCES. HOT, HUMID STORAGE CAN RESULT IN SPONTANEOUS COMBUSTION. SECTION

5. REACTIVITY DATA

AVOID CONTACT WITH OXIDIZING AGENTS AND WITH DRYING OILS.

STABILITY: STABLE

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE,
CARBON MONOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 6. HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE: AVOID PROLONGED REPEATED BREATHING OF WOOD DUST IN AIR. REPEATED EXPOSURES TO WOOD DUST, DEPENDING ON THE SPECIES CAN PRODUCE SUCH ALLERGIC RESPONSES AS DERMATITIS, ASTHMA AND BRONCHITIS.

WARNING: DRILLING, SAWING, SANDING OR MACHINING WOOD PRODUCTS GENERATES WOOD DUST, A SUBSTANCE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. USE A RESPIRATOR OR OTHER SAFEGUARDS TO AVOID INHALING WOOD DUST.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: FLUSH EYES, INCLUDING UNDER EYELIDS, THOROUGHLY WITH WATER.

SKIN: WASH WITH SOAP AND WATER.

INHALATION: REMOVE FROM EXPOSURE TO FRESH AIR.


INGESTION: CALL PHYSICIAN.

SECTION 7. SPILL, LEAK, AND DISPOSAL PROCEDURES

SPILL/LEAK: PICK UP.

WASTE DISPOSAL METHOD: IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

VENTILATION: IF CREATING WOOD DUST IN ENCLOSED ENVIRONMENTS, USE GENERAL AND LOCAL MAXIMUM EXPLOSION PROOF VENTILATION TO MEET THRESHOLD LIMIT VALUES (TLV'S) CITED IN SECTION 2. USE VACUUM SYSTEMS RATHER THAN COMPRESSED AIR BLOWERS TO REMOVE WOOD DUST.

 **EYE PROTECTION:** ALWAYS WEAR EYE PROTECTION IN ENVIRONMENTS WHICH MAY CONTAIN WOOD DUST. DO NOT WEAR CONTACT LENSES IN AREAS CONTAINING WOOD DUST. MAKE EYE WASH STATIONS, SAFETY SHOWERS, AND WASHING FACILITIES AVAILABLE.

COMMENTS: ALWAYS PRACTICE GOOD PERSONAL HYGIENE WHEN USING THESE PRODUCTS. AFTER COMING IN CONTACT, WASH HANDS BEFORE EATING, DRINKING OR SMOKING. DO NOT EAT, DRINK OR SMOKE IN AREAS WHERE THESE PRODUCTS ARE BEING CUT OR SAWN.

SECTION 8. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: APPROPRIATE NIOSH RESPIRATOR, APPROVED FOR ITEMS LISTED IN SECTION 2 SHOULD BE USED WHEN CUTTING OR SAWING THESE PRODUCTS.

SECTION 9. SPECIAL PRECAUTIONS AND COMMENTS

WOOD DUST CAN CAUSE LUNG, UPPER RESPIRATORY TRACT, EYE AND SKIN IRRITATION. SOME WOOD SPECIES MAY CAUSE DERMATITIS AND/OR ALLERGIC RESPIRATORY EFFECTS. THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) HAS CLASSIFIED WOOD DUST AS A NASAL CARCINOGEN IN HUMANS. WOOD DUST REPRESENTS AN EXPLOSION HAZARD IF A DUST CLOUD CONTACTS AN IGNITION SOURCE, OR MAY SPONTANEOUSLY IGNITE IN CONTACT WITH STRONG OXIDIZERS. AVOID DUST CONTACT WITH IGNITION SOURCES. SWEEP OR VACUUM DUST FOR RECOVERY OR DISPOSAL. AVOID PROLONGED OR REPEATED BREATHING OF WOOD DUST. AVOID DUST CONTACT WITH SKIN OR EYES.

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