

MATERIAL SAFETY DATA SHEET MIRATEC®

Date 3/2014

EMERGENCY TELEPHONE # (800) 424-9300 (CHEMTREC)

JELD-WEN, INC.
PO BOX 311, SHINER ROAD, TOWANDA, PA 18848 PHONE: (570) 265-9121 FAX: (570) 265-4336

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.

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 ENVIRON-
MENTS, USE GENERAL AND LOCAL MAXIMUM EXPLOSION PROOF
VENTILATION TO MEET THRESHOLD LIMIT VALUES (TLV'S) CITED
IN SECTION 2. USE VACUUM SYSTEMS RATHER THAN COM-
PRESSED 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.

IMPORTANT: THIS INFORMATION IS OFFERED IN GOOD FAITH.
ALTHOUGH REASONABLE CARE HAS BEEN TAKEN IN THE
PREPARATION OF THIS INFORMATION, JELD-WEN, INC. MAKES NO
WARRANTY OR ANY KIND, EXPRESSED OR IMPLIED, CONCERNING
THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND
DATA, AND ASSUMES NO RESPONSIBILITY FOR ITS APPLICATION
TO PURCHASER'S INTENDED PURPOSES. IF PURCHASER ALTERS
THE PRODUCT IN SUCH A MANNER AS TO CREATE WOOD DUST,
THEN THIS IS THE PURCHASER'S RESPONSIBILITY. NORMALLY
RECOMMENDED INDUSTRIAL HYGIENE, ENGINEERING PRACTICES
AND SAFE HANDLING PROCEDURES ARE BELIEVED APPLICABLE
AND SHOULD BE APPLIED.