

**MATERIAL SAFETY  
DATA SHEET**

# WFI-3

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**SECTION 1. MATERIAL IDENTIFICATION**

Product Name:

DURON®, DUREX™, DUROSTORE®, STRUCTOBOARD® and DURA-THRIFT® Hardboard, Regular, Shop Grade, Tempered, and/or fill coated, and/or painted, and/or primed, and/or water resistant. Presdwood® regular or tempered.

**SECTION 2. INGREDIENTS AND HAZARDS**

	%	EXPOSURE LIMITS
Wood Fiber (use of these products may create wood dust)	less than 98	<u>OSHA</u> TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup> PEL 15mg/m <sup>3</sup> - Total 5mg/m <sup>3</sup> - Respirable
		<u>ACGIH</u> TLV-TWA: 5 mg/m <sup>3</sup> (softwoods) STEL: 10 mg/m <sup>3</sup> (softwoods) TLV-TWA: 1 mg/m <sup>3</sup> (hardwoods)
Paraffin Wax (CAS 8002-74-2)	Trade Secret	TWA 2 mg/m <sup>3</sup> (fumes)
Clay (CAS 1332-58-7)	Trade Secret	TLV 10mg/m <sup>3</sup>
Titanium Dioxide (CAS 13463-67-7)	Trade Secret	TLV 10mg/m <sup>3</sup> PEL 10mg/m <sup>3</sup> - Total 5mg/m <sup>3</sup> - Respirable
Calcium Carbonate (CAS 00471-34-1)	Trade Secret	TLV 10mg/m <sup>3</sup> PEL 15mg/m <sup>3</sup> - Total 5mg/m <sup>3</sup> - Respirable
Talc - Non Fibrous (CAS# 14807-96-6)	0 - 3	PEL 20mg/m <sup>3</sup> TLV 2mg/m <sup>3</sup> - Respirable
Vegetable Oil	1 - 3	PEL 15mg/m <sup>3</sup> - Total 5mg/m <sup>3</sup> - Respirable TLV 10mg/m <sup>3</sup>

**SECTION 3. PHYSICAL DATA**

SOLUBILITY IN WATER: Nil

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 0.8 - 1.2



SECTION 3. PHYSICAL DATA (cont'd)

APPEARANCE AND ODOR: Light brown to brown to gray colored board, low odor.

SECTION 4. FIRE AND EXPLOSION DATA

Flash Point and Method  
None

Autoignition Temperature  
Variable 390° - 500° 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.

SECTION 6. HEALTH HAZARD INFORMATION

STABILITY: Stable.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, Carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur.

EFFECTS OF OVEREXPOSURE: Avoid prolonged repeated breathing of wood dust in air. Repeated exposures to certain wood dusts can produce such allergenic responses as dermatitis, asthma and bronchitis.

## SECTION 6. HEALTH HAZARD INFORMATION (cont'd)

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. 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.

## 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.

VENTILATION: If creating wood dust in enclosed environments, use general and local maximum explosion proof ventilation to meet 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 dusts. 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 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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