

TIMBER SPECIALTIES MATERIAL SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET: Endcoat Brown Wood Preservative

SECTION I

MSDS NUMBER:	216-Tim
MSDS CODE:	Tim
SYNONYMS:	N/A
MANUFACTURED FOR:	Timber Specialties Co.
DIVISION:	Consumer Products
EPA REGISTRATION NUMBER:	PCP Reg. No. 19545
VENDOR:	N/A
EMERGENCY PHONE:	CANUTEC: (613) 996-6666 collect
OTHER CALLS:	(905) 854-2244
ADDRESS:	35 Crawford Crescent, PO Box 520, Campbellville, Ontario L0P 1B0
MSDS PREPARED BY:	Teri Muchow
DATE PREPARED:	August 13, 1992
DATE LAST REVISED:	April 7, 2008 (replaces May 12, 2005)

ADDITIONAL INFORMATION

CANUTEC'S EMERGENCY TELEPHONE NUMBER IS TO BE USED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS.

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

TRADE NAME: Endcoat Brown Wood Preservative	CAS	OSHA PEL	ACGIH TLV	OTHER	%
INGREDIENT NAME					
Mineral Spirits	8052-41-3	500 ppm TWA	100 ppm TWA	RQ = 200 L	> 60.0
Zinc Naphthenate	12001-85-3	N/A	N/A	N/A	25%

SECTION III - CHEMICAL CHARACTERISTICS

BOILING POINT	MELTING POINT	FREEZING POINT	SPECIFIC GRAVITY (H ₂ O = 1)	PERCENT VOLATILE BY VOLUME	THEORETICAL VOC CONTENT (PERCENT OF WEIGHT)
156° - 199°C	N/A	N/A	0.80 +/- 0.1	88 +/- 1%	Unknown
WEIGHT PER GALLON	pH:	VAPOR PRESSURE	VAPOR DENSITY	DENSITY	EVAPORATION RATE BASIS (N-BUAC) = 1
6.7 lb/gal	N/A	N/A	N/A	N/A	< 1
SOLUBILITY IN WATER: Unknown			REACTIVITY IN WATER: N/A		
APPEARANCE AND ODOR: Brown color with the odor of solvent present.					

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	METHOD	FLAMMABLE LIMITS IN AIR (%)	AUTOIGNITION TEMPERATURE		
42°C (107.6°F)	TCC	Unknown	Unknown		
NFPA CODES	HEALTH	2	HMIS CODES:	HEALTH	2
	FLAMMABILITY	2		FLAMMABILITY	2
	REACTIVITY	0		REACTIVITY	0
	OTHER	N/A		PROTECTION	G
EXTINGUISHER MEDIA: Foam, carbon dioxide or dry chemical.					

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full face-piece. Use water spray to cool nearby containers and structures exposed to fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode when exposed to extreme heat or fire. Vapors are heavier than air and may travel along the surface to a distant source of ignition and flashback. May decompose under fire conditions emitting irritating and/or toxic gases.

SECTION V - REACTIVITY DATA

IS THIS CHEMICAL STABLE UNDER NORMAL CONDITIONS OF HANDLING/STORAGE (Y/N)? Y
CONDITIONS TO AVOID (REGARDING STABILITY): Avoid high temperature exposure.
INCOMPATIBILITY (MATERIALS TO AVOID): N/A
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, and various hydrocarbons.
HAZARDOUS POLYMERIZATION POSSIBLE (Y/N)? N
CONDITIONS TO AVOID (REGARDING POLYMERIZATION): N/A

SECTION VI - HEALTH HAZARDS

ROUTES OF ENTRY: Skin contact, skin absorption, eye contact, and inhalation.
SIGNS AND SYMPTOMS OF ACUTE OVEREXPOSURE: Can cause irritation of skin. May cause defatting, drying and cracking of the skin. Can cause irritation of respiratory tract. May cause central nervous system depression which is characterized by headache, dizziness, drowsiness, nausea, vomiting and lack of coordination. If ingested, can cause irritation; a burning sensitization of the mouth, throat and respiratory tract; and abdominal pain.
CHRONIC OVEREXPOSURE: Can cause dermatitis, defatting, and sensitization to skin. Can cause blurred vision, tearing and redness, corneal damage and conjunctivitis. If inhaled, can cause mucous membrane irritation, central nervous system depression, respiratory problems, intoxication, confusion, loss of consciousness and asphyxiation. If ingested can cause nausea, vomiting, diarrhea and neural dysfunction.
CHEMICAL LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN?:

- NATIONAL TOXICOLOGY PROGRAM (Y/N): N
- IARC MONOGRAPHS (Y/N): N
- OSHA (Y/N): N

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.



EMERGENCY AND FIRST AID PROCEDURES



① EMERGENCY PHONE NUMBER OF MANUFACTURER: CANUTEC (613) 996-6666 collect

1. INHALATION: Remove victim to fresh air, restore and support continued breathing. Seek medical attention.
2. EYE CONTACT: Flush eyes immediately with water for 15 minutes, especially under lids. Seek medical attention.
3. SKIN CONTACT: Wash contaminated skin with mild soap and water. Remove contaminated clothing.
4. INGESTION: Do not induce vomiting. Seek medical attention immediately. Guard against aspiration of product into the lungs.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

SHIPPING DESCRIPTION: Ship as "Consumer Commodity"

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep containers closed. Avoid heat, open flames, and spark sources. Avoid splash while filling. Ground and bond equipment and containers to prevent static charge build-up.
OTHER PRECAUTIONS: Store in cool, well ventilated area. Avoid excessive heat exposure.
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Ignition sources such as sparks, open flames or hot surfaces should be removed. Appropriate personal protective equipment should be used. Flush with water to an open, well ventilated area. Place the spilled product into a disposal container or absorb with absorbent material.
WASTE DISPOSAL METHODS: Dispose of by controlled burning or landfill in an approved site in accordance with local, provincial, and federal laws and regulations.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: An air purifying respirator equipped with organic vapor cartridges. An air-supplied respirator is needed for higher concentration of volatile material.
VENTILATION REQUIREMENTS: General ventilation required.
LOCAL EXHAUST: Local exhaust is desirable.
MECHANICAL: If use, should be spark proofed.
PROTECTIVE GLOVES: Chemical resistant glove should be used. Neoprene or rubber glove may be used for exposure of short duration.
EYE PROTECTION: Chemical safety goggles.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Chemical resistant boots, protective clothing or overalls, impermeable apron, face shield.
WORK/HYGIENIC PRACTICES: Do not eat, drink or smoke while using this product. Remove and wash contaminated clothing.

N/A = Not Applicable

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