

MATERIAL SAFETY DATA SHEET

MS217

TOOL-SAVER

Page 1 of 3

PRODUCT NAME: TOOL-SAVER
PRODUCT CLASS: SAW BLADE LUBRICANT

==== **SECTION I MANUFACTURER IDENTIFICATION** =====

MANUFACTURER'S NAME: DoALL COMPANY
ADDRESS: 254 No. Laurel Ave. Des Plaines, IL 60016.
EMERGENCY PHONE: (800) 535-5053 (INFOTRAC)
INFORMATION: (847) 803-7262
REVISION DATE: April 26, 2001

==== **SECTION II HAZARDOUS INGREDIENTS IDENTIFICATION** =====

OCCUPATIONAL EXPOSURE LIMITS

<u>INGREDIENTS:</u>	<u>CAS #:</u>	<u>OSHA PEL:</u>	<u>ACGIH TLV:</u>	<u>PERCENT:</u>
Paraffin Wax	64742-51-4	2 mg./cu.m.	2 mg./cu.m.	40.0
Severely Hydro-treated Naphthenic Oil	64742-52-5	5 mg./cu.m.	5 mg./cu.m.	36.0
Microcrystalline Wax	63231-60-7	2 mg./cu. m.	2 mg./cu.m.	16.0
Tallow	61789-97-7	---	---	5.0
Carnauba wax	8015-86-9	---	---	2.0
Zinc Napthenate	12001-85-3	---	---	1.0

==== **SECTION III PHYSICAL DATA** =====

Boiling Point: ND
Specific Gravity: 0.750 (Water = 1)
Vapor Pressure: NA
Melting Point: 163 degrees Fahrenheit
Vapor Density: NA
Evaporation Rate: ND (BuAc = 1)
Solubility in Water: Insoluble
pH: NA
Appearance: Tan Solid
Odor: Petroleum

==== **SECTION IV FIRE AND EXPLOSION DATA** =====

FLASH POINT: 380 °F COC.
EXTINGUISHING MEDIA: Carbon Dioxide, Foam, or Dry Chemical.
FIRE FIGHTING PROCEDURES: Water stream or spray, to cool containers to prevent vapor formation and ignition, may spread fire. Fog nozzles are preferred if water is used. Wear SCBA gear in fire area.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

SECTION V HEALTH HAZARD DATA

ROUTES OF EXPOSURE AND EFFECTS OF OVER-EXPOSURE:

INHALATION: Breathing difficulty.
EYE CONTACT: Minor irritation.
SKIN CONTACT: Defatting, and/or minor irritation.
SKIN ABSORPTION: Not expected to occur.
INGESTION: Nausea, and/or diarrhea.

CARCINOGENICITY:

LISTED BY NTP: No.
LISTED BY IARC: No.
LISTED BY OSHA: No.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove person to fresh air. If necessary, support breathing. Get Medical attention.
EYE CONTACT: Flush with water for 15 minutes. If irritation persists, get Medical attention.
SKIN CONTACT: Wash exposed area with mild soap and warm water only. Do not use harsh soap or solvent.
SKIN ABSORPTION: Get Medical attention.
INGESTION: Keep person warm and quiet. Get Medical attention. Do not induce vomiting.

SECTION VI REACTIVITY DATA

STABILITY: Stable.
INCOMPATIBILITY: Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and zinc.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII HANDLING PRECAUTIONS**TO AVOID INJURY, DO NOT APPLY TO MOVING TOOL**

IN CASE OF ACCIDENTAL RELEASE:

SMALL SPILLS: Use absorbent material.
LARGE SPILLS: Dike and pump into drums.
RESIDUE: Mop with soap and water.
WASTE DISPOSAL METHOD: Treat as petroleum waste and dispose of in accordance with all local, state, and federal regulations.
STORAGE: Store dry in a closed container in a cool place away from any fire source.
OTHER PRECAUTIONS: Avoid Breathing MIST.

SECTION VIII PROTECTIVE MEASURES

VENTILATION: General mechanical ventilation should be adequate. If misting occurs, provide local ventilation.
PROTECTIVE GLOVES: The use of NEOPRENE gloves that are impermeable to oil is recommended.
EYE PROTECTION: Safety goggles with side shields or face shield are recommended.
OTHER PROTECTION: An emergency shower and eyewash should be available in the work area. Practice reasonable personal hygiene. Wash exposed skin with mild soap and warm water only. Product-soaked clothing should be changed promptly and laundered before re-wearing.

SECTION IX REGULATION COMPLIANCE INFORMATION

CAA: Contains no ozone depleting substance.
DOT: Not classified as hazardous.
RCRA: As received, not a hazardous waste material.
SARA: Contains 1% Zinc Napthenate (12001-85-3).
TSCA: All ingredients are registered.
VOC: <1/10 % /gallon

SECTION X HMS

HEALTH: 0
FLAMMABILITY: 1
REACTIVITY: 0

Abbreviations and Symbols used in this MSDS:

NA - Not Applicable < - Less Than
ND - Not Determined > - Greater Than
BuAc - Butyl Acetate

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