

MATERIAL SAFETY DATA SHEET

SECTION I: CHEMICAL PRODUCT AND MANUFACTURING IDENTIFICATION

PRODUCT NAME: TOOL SAVER®
 PRODUCT CLASS: SAW BLADE LUBRICANT
 MSDS NO.: MS217

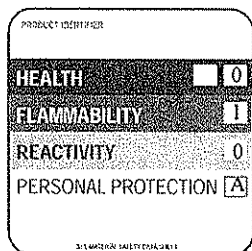
MANUFACTURER'S NAME: DOALL COMPANY
 ADDRESS: 1480 S. WOLF ROAD
 WHEELING, IL 60090

EMERGENCY PHONE: (800) 535-5053 (INFOTRAC)
 GENERAL INFORMATION: (800) 923-6255
 REVISION DATE: JUNE 2012

SECTION II: COMPOSITION / INFORMATION ON INGREDIENTS

OCCUPATIONAL EXPOSURE LIMITS				
INGREDIENTS	CAS #	OSHA PEL	ACGIH TLV	PERCENT
PARRAFIN WAX	64742-51-4	2 MG/M ³ FUME	2 MG/M ³ FUME	40.0
SEVERELY HYDROTREATED NAPHTHENIC OIL	64742-52-5	5 MG/M ³ FUME	5 MG/M ³ FUME	36.0
MICROCRYSTALLINE WAX	64742-42-3	2 MG/M ³ FUME	2 MG/M ³ FUME	17.0
TALLOW	8015-86-9	NA	NA	5.0
CARNAUBA WAX		NA	NA	2.0

SECTION III: HAZARD IDENTIFICATION



HMIS RATING: 0 - 1 - 0

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT, SKIN ABSORPTION, INHALATION, INGESTION, EYE CONTACT.

ACCUTE TOXICITY: NOT DETERMINED

EFFECTS OF OVEREXPOSURE:

EYE CONTACT: MAY BE IRRITATING AND CAN CAUSE PAIN, TEARING, REDDENING AND SWELLING.

SKIN CONTACT: PROLONGED CONTACT MAY RESULT IN IRRITATION. IN MOLTEN STATE PRODUCT CAN CAUSE BURNS.

INHALATION: NONE EXPECTED.

INGESTION: THIS MATERIAL IMAY BE HARMFUL IF SWALLOWED.

CHRONIC HAZARDS: THERE ARE NO FORESEEABLE USES OF THE PRODUCT THAT WOULD LEAD TO CHRONIC EXPOSURE.

CARCINOGENICITY: LISTED BY NTP, IARC, AND OSHA: NO

SECTION IV: FIRST AID INFORMATION

INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. GIVE OXYGEN IF BREATHING IS LABORED. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND SEEK MEDICAL ATTENTION.

EYES: REMOVE CONTACT LENSES. FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 20 MINUTES. LIFTING UPPER AND LOWER LIDS OCCASIONALLY. SEEK MEDICAL ATTENTION.

SKIN: THOROUGHLY WASH EXPOSED SKIN WITH SOAP AND WATER.

INGESTION: DO NOT INDUCE VOMITTING. CONTACT A POISON CONTROL CENTER. IMMEDIATELY DRINK TWO GLASSES OF WATER. NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION.

SECTION V: FIRE FIGHTING INFORMATION

FLASH POINT: 380°F COC

EXTINGUISHING MEDIA: ALCOHOL FOAM, CO2, DRY CHEMICAL, FOAM OR WATER FOG.

FIRE/EXPLOSION HAZARDS: PRODUCT CAN PRODUCE DENSE SMOKE FROM OILS BURNING.

FIREFIGHTING: THE EXTINGUISHING MEDIA AGENTS MENTIONED MAY ALL BE SUITABLE FOR EXTINGUISHING FIRES INVOLVING THIS TYPE OF PRODUCT, DEPENDING ON SIZE OR POTENTIAL SIZE OF FIRE OR CIRCUMSTANCES RELATED TO THE SITUATION. PLAN FIRE PROTECTION AND RESPONSE STRATEGY THROUGH CONSULTATION WITH LOCAL FIRE PROTECTION AUTHORITIES OR APPROPRIATE SPECIALISTS.

FIRE EQUIPMENT: WEAR A FULL FACE POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS (NIOSH/MSHA) AND PROTECTIVE GEAR WHEN FIGHTING FIRE.

SECTION VI: SPILL OR LEAK PROCEDURES

GENERAL SPILL PROCEDURE: SCRAPE UP MATERIAL AND PLACE IN A CHEMICAL WASTE CONTAINER.

OTHER PRECAUTIONS: AVOID BREATHING MIST.

SECTION VII: HANDLING AND STORAGE

KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, AND OPEN FLAMES. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

DO NOT STORE IN DIRECT SUNLIGHT, NEAR OPEN FLAMES/SPARKS OR AT TEMPERATURES EXCEEDING 120°F.

SECTION VIII: EXPOSURE CONTROLS

PROVIDE GENERAL AND/OR LOCAL EXHAUST VENTILATION TO CONTROL AIRBORNE LEVELS BELOW THE EXPOSURE GUIDELINE.

RECOMMENDED FOR PROLONGED OR REPEATED CONTACT. WEAR PROTECTIVE EQUIPMENT RECOMMENDED FOR USE WITH CHEMICALS LISTED IN SECTION II.

CONTAMINATED EQUIPMENT/GEAR: LAUNDER ALL CONTAMINATED CLOTHING PRIOR TO RE-USE.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: GREEN WAX, SOLID
ODOR: PETROLEUM
BOILING POINT: NONE DETERMINED
SPECIFIC GRAVITY: 0.750 (WATER = 1)
VAPOR PRESSURE: NONE DETERMINED
MELTING POINT: 162°F, ASTM D127
VAPOR DENSITY: IS HEAVIER THAN AIR
EVAPORATION RATE: IS SLOWER THAN BUTYL ACETATE
SOLUBILITY IN WATER: INSOLUBLE
VOC: <1/10% / GALLON

SECTION X: STABILITY AND REACTIVITY

STABLE UNDER NORMAL CONDITIONS. KEEP AWAY FROM HEAT, SPARKS OR OPEN FLAMES.

AVOID CONTACT WITH METALS SUCH AS: ZINC, MAGNESIUM, ALUMINUM, AND GALVANIZED METALS.
AVOID CONTACT WITH OXIDIZING MATERIAL.

AVOID CONTACT WITH STRONG OXIDIZING AGENTS, STRONG ACID OR ALKALIES AND STRONG MINERAL ACIDS.

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON AND NITROGEN.

HAZARDOUS POLYMERIZATION WILL NOT OCCUR IN NORMAL CONDITIONS.

SECTION XI: TOXICOLOGY

NOT DETERMINED.

SECTION XII: ECOLOGICAL

NOT DETERMINED.

SECTION XIII: DISPOSAL

EMPTY CONTAINERS MAY BE DISPOSED OF THROUGH NORMAL CHANNELS. FULL OR PARTIALLY FULL CONTAINERS ARE CONSIDERED HAZARDOUS WASTE AND MUST BE DISPOSED OF ACCORDINGLY.

SECTION XIV: TRANSPORTATION

DEPARTMENT OF TRANSPORTATION: NOT REGULATED.

SECTION XV: REGULATORYOSHA

HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATIONS STANDARD (29 CFR 1910.1200).

CERCLA/SARA HAZARD CATEGORY

THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA "HAZARD CATEGORIES" PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORIES: ACUTE HEALTH HAZARD.

SARA SECTION 313

THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCE SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

CHEMICAL NAME: NAPHTHENIC ACID, ZINC SALT CAS#: 12001-85-3 WT/WT%: <1%

TOXIC SUBSTANCE CONTROL ACT

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF TSCA 12(B) IF EXPORTED FROM THE UNITED STATES: THERE ARE NO COMPONENTS SUBJECT TO TSCA 12(B).

NEW JERSEY RIGHT-TO-KNOW

THE FOLLOWING MATERIALS ARE NON-HAZARDOUS, BUT ARE AMONG THE TOP FIVE COMPONENTS IN THIS PRODUCT:

PARAFFIN CAS#64742-51-4 TAKKIW CAS#61789-97-7
MICROCRYSTALLINE WAX CAS#64742-42-3 CARNAUBA WAX CAS#8015-86-9

PENNSYLVANIA RIGHT-TO-KNOW

THE FOLLOWING NON-HAZARDOUS INGREDIENTS ARE PRESENT IN THE PRODUCT AT GREATER THAN 3%:

PARAFFIN CAS#64742-51-4 TAKKIW CAS#61789-97-7
MICROCRYSTALLINE WAX CAS#64742-42-3

CALIFORNIA PROPOSITION 65

NO PROPOSITION 65 CHEMICALS EXIST IN THIS PRODUCT.

INTERNATIONAL REGULATIONS AS FOLLOWS:

CANADIAN WHMIS: THIS MSDS HAS BEEN PREPARED IN COMPLIANCE WITH CONTROLLED PRODUCT REGULATIONS EXCEPT FOR USE OF THE 16 HEADINGS.

CANADIAN WHMIS CLASS: NO INFORMAITON AVAILABLE.

SECTION XVI: OTHER INFORMATION

INTENTIONAL MISUES BY DELIBERATELY CONCENTRATING VAPORS AND INHALING CONTENTS CAN BE HARMFUL OR FATAL.

DATA IN THIS MATERIAL SAFETY DATA SHEET IS BELIEVED TO BE CORRECT AND RELIABLE. HOWEVER, THE DOALL COMPANY DOES NOT ASSUME RESPONSIBILITY FOR IT, OR ANY RECOMMENDATIONS CONTAINED IN IT, INASMUCH AS CONDITIONS AND METHODS OF USE ARE BYOND OUR CONTROL. FURTHER, WE MAKE NO WARRANTY, EXPRESSED OR IMPLIED, OF ANY KIND REGARDING THIS PRODUCT OR ITS USE, AND PURCHASER ASSUMES ALL RISKS OF USE OR HANDLING EITHER IN ACCORDANCE WITH DIRECTIONS OR NOT. THE DATA PROVIDED ON THIS MATERIAL SAFETY DATA SHEET IS NOT MEANT TO BE USED AS SPECIFICATIONS, ONLY AS GUIDELINE INFORMATION AS TO THE SAFE USE OF THE PRODUCT. THE USER SHOULD REFER TO APPLICABLE LAWS BEFORE USE. THIS MATERIAL SAFETY DATA SHEET COMPLIES WITH GUIDELINES SET BY 29CFR1910.1200.