



Pro Form Products Ltd.
604 McGeachie Drive
Milton; Ontario; L9T 3Y5
Canada

PRODUCT: 23008 RUST PENETRANT

Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED FOR.....	Pro Form Products Ltd. 604 McGeachie Drive Milton, Ontario L9T3Y5 Tel (905) 878-4990 Fax (905) 878-1189	NZ Distributer: Wyatt Machine Tools (Rupes) NZ Ltd 388 Church St, Penrose, AKL,1061 P: (09)525-1000 F:(09)525-1009 NZ Emergency: 111
PRODUCT NAME.....	23008 RUST PENETRANT	
MATERIAL USE.....	LUBRICANT.	
CHEMICAL FAMILY.....	MIXTURE.	
24 HOUR EMERGENCY NUMBER.....	IN CANADA CALL CANUTEC (613) 996-6666 - IN THE UNITED STATES CALL CHEMTREC (800) 424-9300.	
PREPARATION DATE.....	JUNE 24, 2011.	
HAZARD RATE		
NFPA RATING.....	HEALTH: 2 FIRE: 4 REACTIVITY: 0.	
HMS.....	H: 2 F: 4 R: 0.	

Section 02: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route,Species	LC/50 Route,Species
PROPANE	7-13	1000 ppm WITH AIR	74-98-6	NOT INDICATED	NOT INDICATED
ISO BUTANE	1-5	NOT INDICATED	75-28-5	NOT INDICATED	NOT INDICATED
MINERAL OIL	60-100	5mg/m3	8042-47-5	NOT AVAILABLE	NOT AVAILABLE
DEODORIZED KEROSENE	10-30	400 ppm	8008-20-6	>5,000 mg/kg RAT ORAL; >2,000 mg/kg RABBIT DERMAL	NOT AVAILABLE
ETHYL ACETATE	5-10	400 ppm ACGIH TWA	141-78-6	5,600 mg/kg ORAL RAT	16,000 ppm RAT 6 HOURS

Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY	EYE CONTACT. SKIN CONTACT. INHALATION.
SKIN CONTACT.....	CAN CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS.
SKIN ABSORPTION.....	MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.
EYE CONTACT.....	CAN CAUSE REDNESS, IRRITATION, TISSUE DESTRUCTION.
INGESTION.....	MAY BE HARMFUL OR FATAL IF SWALLOWED. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.
INHALATION (ACUTE).....	EXCESSIVE INHALATION OF VAPOURS CAN CAUSE RESPIRATORY IRRITATION, DIZZINESS, HEADACHE, VOMITING AND UNCONSCIOUSNESS.
INHALATION (CHRONIC).....	CHRONIC EXPOSURE TO ORGANIC SOLVENT VAPORS HAVE BEEN ASSOCIATED WITH VARIOUS NEUROTOXIC EFFECTS INCLUDING PERMANENT BRAIN AND/OR NERVOUS SYSTEM DAMAGE, KIDNEY, LIVER, BLOOD DAMAGE AND REPRODUCTIVE EFFECTS AMONG WOMEN. SYMPTOMS MAY INCLUDE NAUSEA, VOMITING, ABDOMINAL PAIN, HEADACHE, IMPAIRED MEMORY, LOSS OF COORDINATION, INSOMNIA AND BREATHING DIFFICULTIES.
EFFECTS OF CHRONIC EXPOSURE.....	BREATHING HIGH CONCENTRATIONS OF VAPOUR MAY CAUSE ANESTHETIC EFFECTS AND SERIOUS HEALTH EFFECTS. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DRYING OR CRACKING OF SKIN. POSSIBLE DAMAGE TO LIVER AND KIDNEYS. PROLONGED OR REPEATED EXPOSURE MAY RESULT IN SKIN SENSITIZATION.

Section 04: FIRST AID MEASURES

SKIN CONTACT.....	REMOVE ALL CONTAMINATED CLOTHING AND IMMEDIATELY WASH THE EXPOSED AREAS WITH COPIOUS AMOUNTS OF WATER FOR A MINIMUM OF 30 MINUTES OR UP TO 60 MINUTES FOR CRITICAL BODY AREAS. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
INHALATION.....	IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN, OBTAIN MEDICAL ATTENTION.

PRODUCT: 23008 RUST PENETRANT**Section 04: FIRST AID MEASURES**

INGESTION..... DO NOT INDUCE VOMITING. IF INGESTION IS SUSPECTED, CONTACT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. IF SPONTANEOUS VOMITING OCCURS HAVE VICTIM LEAN FORWARD WITH HEAD DOWN TO PREVENT ASPIRATION OF FLUID INTO THE LUNGS. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

EYE CONTACT..... IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES, KEEPING EYELIDS OPEN, WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL ATTENTION.

ADDITIONAL INFORMATION..... TREAT POISONING VICTIMS SYMPTOMATICALLY. THE MAIN HAZARD FROM INGESTION IS ASPIRATION OF THE LIQUID INTO THE LUNGS.

Section 05: FIRE FIGHTING MEASURES

FLAMMABILITY..... FLAMMABLE.

FLASH POINT (deg C), METHOD..... AEROSOL FLAME PROJECTION > 100 cm. LIQUID -4C AEROSOL PROPELLANT -105C

AUTO IGNITION TEMPERATURE (deg C)... NOT AVAILABLE.

UPPER FLAMMABLE LIMIT (% VOL)..... 8.4.

LOWER FLAMMABLE LIMIT (% VOL)..... 1.8.

EXTINGUISHING MEDIA..... "ALCOHOL" FOAM, CO₂, DRY CHEMICAL. IN CASES OF LARGER FIRES, WATER SPRAY SHOULD BE USED.

HAZARDOUS COMBUSTION PRODUCTS... OXIDES OF CARBON (CO,CO₂).

SENSITIVITY TO MECHANICAL IMPACT... CONTENTS UNDER PRESSURE.

SENSITIVITY TO STATIC DISCHARGE..... MAY BE SENSITIVE.

SPECIAL FIRE FIGHTING PROCEDURES... FIREFIGHTER SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES. COOL FIRE-EXPOSED CONTAINERS WITH COLD WATER SPRAY. HEAT WILL CAUSE PRESSURE BUILDUP AND MAY CAUSE EXPLOSIVE RUPTURE. KEEP RUN-OFF WATER FROM ENTERING SEWERS AND OTHER WATERWAYS. DIKE FOR WATER CONTROL.

Section 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL..... VENTILATE. ELIMINATE ALL SOURCES OF IGNITION. CONTAIN THE SPILL. AVOID ALL PERSONAL CONTACT. SPILLED MATERIAL AND WATER RINSES ARE CLASSIFIED AS CHEMICAL WASTE, AND MUST BE DISPOSED OF IN ACCORDANCE WITH CURRENT LOCAL, PROVINCIAL, AND FEDERAL REGULATIONS. EVACUATE ALL NON-ESSENTIAL PERSONNEL. PREVENT RUNOFF INTO DRAINS, SEWERS, AND OTHER WATERWAYS. ABSORB WITH EARTH, SAND, OR ANOTHER DRY INERT MATERIAL. SHOVEL INTO SUITABLE UNSEALED CONTAINERS, TRANSPORT TO WELL-VENTILATED AREA (OUTSIDE) AND TREAT WITH NEUTRALIZING SOLUTION: MIXTURE OF WATER (80%) WITH NON-IONIC SURFACTANT TERGITOL TMN-10 (20%), OR; WATER (90%), CONCENTRATED AMMONIA (3-8%) AND DETERGENT (2%).

Section 07: HANDLING AND STORAGE

HANDLING PROCEDURES..... AVOID ALL SKIN CONTACT AND VENTILATE ADEQUATELY, OTHERWISE WEAR AN APPROPRIATE BREATHING APPARATUS. ALWAYS ADOPT PRECAUTIONARY MEASURES AGAINST BUILD-UP OF STATIC WHICH MAY ARISE FROM APPLIANCES, HANDLING AND THE CONTAINERS IN WHICH PRODUCT IS PACKED. AVOID BREATHING VAPOURS OR MIST. GROUND HANDLING EQUIPMENT. HANDLE AND OPEN CONTAINER WITH CARE. EMPLOYEES SHOULD WASH HANDS AND FACE BEFORE EATING OR DRINKING. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME.

STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE AWAY FROM OXIDIZING AND REDUCING MATERIALS. STORE AWAY FROM SUNLIGHT.

Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

EYE/TYPE..... LIQUID CHEMICAL GOGGLES.

RESPIRATORY/TYPE..... LOCAL EXHAUST VENTILATION IS RECOMMENDED. WEAR AN APPROPRIATE, PROPERLY FITTED RESPIRATOR WHEN CONTAMINANT LEVELS EXCEED THE RECOMMENDED EXPOSURE LIMITS.

GLOVES/ TYPE..... CHEMICAL RESISTANT GLOVES.

CLOTHING/TYPE..... WEAR ADEQUATE PROTECTIVE CLOTHES.

FOOTWEAR/TYPE..... SAFETY BOOTS PER LOCAL REGULATIONS.

OTHER/TYPE..... EMERGENCY SHOWERS AND EYE WASH STATIONS SHOULD BE AVAILABLE.

VENTILATION REQUIREMENTS..... LOCAL EXHAUST AT POINTS OF EMISSION.

PRODUCT: 23008 RUST PENETRANT**Section 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE.....	AEROSOL.
ODOUR.....	HYDROCARBON ODOR.
COLOUR.....	GREEN.
ODOUR THRESHOLD (ppm).....	NOT AVAILABLE.
VAPOUR DENSITY (AIR=1).....	> 1.
VAPOUR PRESSURE (psig).....	50-60 PSIG.
EVAPORATION RATE.....	SLOWER THAN N-BUTYL ACETATE.
BOILING POINT (deg C).....	176C.
pH.....	NOT APPLICABLE.
SOLUBILITY IN WATER (% W/W).....	NEGLIGIBLE.
COEFFICIENT OF WATER/OIL.....	NOT AVAILABLE.
DISTRIBUTION	
SPECIFIC GRAVITY.....	LIQUID: 0.75-0.80 AEROSOL: 0.65-0.70.
FREEZING POINT (deg C).....	NOT AVAILABLE.
% VOLATILE BY VOLUME	
VOC.....	NOT AVAILABLE.

Section 10: STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION.....	HIGH TEMPERATURES .
STABILITY.....	STABLE AT NORMAL TEMPERATURES AND PRESSURES.
INCOMPATIBILITY.....	KEEP AWAY FROM HEAT. INCOMPATIBLE WITH STRONG OXIDIZERS.
REACTIVITY CONDITIONS.....	AVOID HEAT, SPARKS AND FLAME. EXPLOSIVE REACTIONS CAN OCCUR IN THE PRESENCE OF STRONG OXIDIZING AGENTS.
HAZARDOUS PRODUCTS OF DECOMPOSITION.....	BY FIRE: DENSE BLACK SMOKE. OXIDES OF CARBON (CO,CO2).

Section 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMITS.....	ETHYL ACEATE - ACGIH TWA 400 ppm - OSAH PEL TWA 400 ppm - NIOSH REL TWA 400 ppm 10 HOURS.
IRRITANCY OF MATERIAL.....	IRRITANT.
SENSITIZING CAPABILITY OF MATERIAL.....	MAY CAUSE SENSITIZATION BY SKIN CONTACT.
CARCINOGENICITY OF MATERIAL.....	NONE KNOWN.
TERATOGENICITY.....	NOT AVAILABLE.
MUTAGENICITY.....	NOT AVAILABLE.
REPRODUCTIVE EFFECTS.....	NOT AVAILABLE.
SYNERGISTIC MATERIALS.....	NOT AVAILABLE.

Section 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL.....	DO NOT ALLOW TO ENTER WATERS, WASTEWATER OR SOIL.
BIODEGRADABILITY.....	NOT AVAILABLE.

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL.....	THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF AS HAZARDOUS WASTE. AVOID RELEASE TO THE ENVIRONMENT. CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE OR EXPOSE TO HEAT, EVEN WHEN EMPTY.
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Section 14: TRANSPORT INFORMATION

TDG CLASSIFICATION.....	AEROSOLS; CLASS 2.1; UN1950 - UNDER CLEAR LANGUAGE REGULATIONS REFER TO SECTION 1.17 FOR LIMITED QUANTITY SHIPPING INFORMATION EXEMPTIONS.
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Section 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION.....	A, B2, D2B.
CEPA STATUS.....	ON DOMESTIC SUBSTANCES LIST (DSL).
OSHA.....	THIS PRODUCT IS CONSIDERED HAZARDOUS UNDER THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD.
SARA TITLE III	
SECTION 302 - EXTREMELY HAZARDOUS SUBSTANCES	NONE.
SECTION 311/312 - HAZARD CATAGORIES	IMMEDIATE HEALTH, DELAYED HEALTH, FIRE HAZARD.
SARA SECTION 313.....	ETHYL ACETATE.
EPA HAZARDOUS AIR POLLUTANTS (HAPS) 40CFR63.....	ETHYL ACETATE.
TSCA INVENTORY STATUS.....	ALL COMPONENTS ARE LISTED.
CALIFORNIA PROPOSITION 65.....	THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY.

PRODUCT: 23008 RUST PENETRANT

Section 16: OTHER INFORMATION

PREPARED BY: REGULATORY AFFAIRS.
TELEPHONE NUMBER: (800) 387-7981.
PREPARATION DATE: Jun24/11