

26/1/2018

NZ Distributor:

00000315

SAFETY DATA SHEET Wyatt Machine Tools (Rupes) NZ Ltd

Page 1



Pro Form Products Ltd. 388 Church St, Penrose, AKL,1061
 604 McGeachie Drive P: (09)525-1000 F:(09)525-1009
 Milton, Ontario, L9T 3Y5
 Canada
 905-878-4990 NZ Emergency: 0800 992 881

PRODUCT: 14104 ENAMEL PAINT - GLOSS BLACK

0800WYATT1

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
 Product name..... 14104 ENAMEL PAINT - GLOSS BLACK
 Recommended use and restrictions on use Paints.
 Chemical family..... Mixture.
 NFPA rating..... Health: 2 Fire: 3 Reactivity: 0.
 HMIS..... H: 2 F: 3 R: 0.
 24 hour emergency number:..... IN CANADA CALL CANUTEC 1-888-226-8832 (CAN-UTEC); IN THE UNITED STATES
 CALL CHEMTREC 1-800-424-9300.

SECTION 02: Hazards identification



Signal Word..... DANGER.
 Hazard Classification..... Flammable Aerosols — Category 1. Gas under pressure: Compressed Gas. Aspiration Toxicity 1. Germ Cell Mutagenicity 1. Carcinogenicity — Category 1. Reproductive Toxicity — Category 2.
 Hazard Description..... H222 Extremely flammable aerosol . H229 Pressurized container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H304 May be fatal if swallowed and enters airways. H340 May cause genetic defects. H350 This product contains ingredients that may cause cancer. H361 This product contains ingredients that are suspected of damaging fertility or the unborn child.
 Prevention..... P201 Obtain special instructions before use. P202 Do not handle this product until all safety instructions have been read and understood. P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P211 Do not spray on an open flame or other ignition sources. P251 Do not pierce or burn container, even after use. P280 Wear protective gloves and eye protection.
 Response P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331 Do NOT induce vomiting. P308 + P313 If exposed or concerned, get medical advice/attention.
 Storage..... P403 Store in a well ventilated area. P405 Store locked up. P410 Protect from sunlight. P412 Do not expose to temperature exceeding 50°C / 122°F.
 Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.
 Note This product mixture has been classified based on its ingredients.

SECTION 03: Composition/Information on Ingredients

HAZARDOUS INGREDIENTS	CAS #	WT. %
Light Aliphatic Solvent Naphtha	64742-89-8	15-40
Propane	74-98-6	10-30
Isobutane	75-28-5	7-13
Isobutyl Acetate	110-19-0	5-10
Carbon Black	1333-86-4	1-5
Xylene	1330-20-7	0.1-1
Ethylbenzene	100-41-4	0.1-1
Benzene, ethenylmethyl-	25013-15-4	0.1-1

PRODUCT: 14104 ENAMEL PAINT - GLOSS BLACK**SECTION 04: First aid measures**

Eye contact.....	In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Consult a physician if irritation continues.
Skin contact.....	Immediately remove all contaminated clothing; flush skin with water for at least 15 minutes. 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.
Ingestion.....	Rinse mouth with water. Do not induce vomiting. The main hazard from ingestion is aspiration of the liquid into the lungs. Give 1 to 2 glasses of water to drink. 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. Get medical attention.
Most important symptoms and effects, whether acute or delayed	May cause mild skin irritation. May cause eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. This product contains ingredients that are suspected of damaging fertility or the unborn child. This product contains ingredients that may cause cancer.
Additional information.....	Treat victims symptomatically. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet.

SECTION 05: Fire fighting measures

Suitable and unsuitable extinguishing media.....	"Alcohol" foam, CO2, dry chemical. Do not use water in a jet.
Hazardous combustion products.....	Oxides of carbon (CO, CO2). Other potentially toxic fumes.
Special fire fighting procedures.....	Extremely flammable aerosol. 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. Solvent vapours may be heavier than air and may build up and travel along the ground to an ignition source, which may result in a flash back to the source of the vapours. Keep run-off water from entering sewers and other waterways. Dike for water control.

SECTION 06: Accidental release measures

Leak/spill.....	Isolate area and keep unauthorized people away. Do not walk through spilled material. Wear recommended protective equipment. Ventilate. Open windows and doors to allow air circulation. Dike area to prevent spreading. The use of absorbent socks or spill pillows may be required. Stop leak if safe to do so. Prevent runoff into drains, sewers, and other waterways. Absorb with an inert dry material and place in an appropriate waste container. Spilled material and water rinses are classified as chemical waste, and must be disposed of in accordance with current local, provincial, state, and federal regulations.
-----------------	---

SECTION 07: Handling and storage

Handling procedures.....	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Ground handling equipment. Avoid breathing vapours or mist. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Handle and open container with care. Employees should wash hands and face before eating or drinking.
Storage needs.....	Keep away from heat, sparks, and open flames. Store in a cool, dry and well ventilated area. Keep container closed when not in use. Store away from oxidizing and reducing materials. Store away from sunlight. Do not store above 50 deg C.

SECTION 08: Exposure controls / personal protection

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Light Aliphatic Solvent Naphtha	Not established	Not established	Not established	Not established	Not established
Propane	1,000 ppm	Not established	1,000 ppm	Not established	1,000 ppm
Isobutane	Not established	Not established	Not established	Not established	800 ppm
Isobutyl Acetate	150 ppm	Not established	150 ppm	Not established	150 ppm
Carbon Black	3.5 mg/m3	Not established	3.5 mg/m3	Not established	3.5 mg/m3
Xylene	50 ppm	150 ppm	100 ppm TWA	Not established	Not established

PRODUCT: 14104 ENAMEL PAINT - GLOSS BLACK

SECTION 08: Exposure controls / personal protection

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Ethylbenzene	100 ppm	125 ppm	100 ppm	Not established		100 ppm / STEL 125 ppm
Benzene, ethenylmethyl- Eye/type.....	25 ppm (STEV)					
Respiratory/type.....						Chemical safety goggles. Chemical safety goggles and full faceshield if a splash hazard exists.
Gloves/ type.....						Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits. Be sure to use NIOSH approved respirator or equipment. Do not exceed the use limits of the respirator.
Clothing/type.....						Chemical resistant gloves.
Footwear/type.....						Wear adequate protective clothes. Wear long sleeves and trousers to prevent dermal exposure.
Other/type.....						Safety boots per local regulations.
Appropriate engineering controls.....						Eye wash facility and emergency shower should be in close proximity. Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. Local mechanical exhaust ventilation should be used at sources of air contamination, such as open process equipment, or during purging operations, to capture gases and fumes that may be emitted. Standard reference sources regarding industrial ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation. . Explosion-proof exhaust ventilation.

SECTION 09: Physical and chemical properties

Physical state.....	Aerosol.
Colour.....	Black.
Odour.....	Strong solvent.
Odour threshold (ppm).....	Not available.
Vapour density (air=1).....	>1. Heavier than air.
Vapour pressure (psig).....	60-75 psig @ 21°C.
pH.....	No data.
Relative Density (Specific Gravity).....	1.048. (Liquid). 0.903. (Aerosol).
Melting / Freezing point (deg C).....	Not Available.
Solubility.....	Not soluble in water.
Initial boiling point / boiling range (deg C).....	-11.72°C (For propellant). 126°C (259°F). (Liquid).
Evaporation rate.....	No data.
Flash point (deg C), method.....	7. (Closed Cup). (liquid).
Auto ignition temperature (deg C).....	460 °C (propellant) .
Upper flammable limit (% vol).....	8.0.
Lower flammable limit (% vol).....	0.6.
Coefficient of water/oil distribution.....	Not available.
% Volatile by volume.....	Not Available.
VOC.....	4.13 lbs/USG.
Viscosity.....	No Data.

SECTION 10: Stability and reactivity

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity	Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
Possibility of hazardous reactions.....	Will not occur under normal temperature and pressure.
Conditions to avoid.....	Keep away from heat. Incompatible with strong oxidizers. Electrostatic charge.
Hazardous decomposition products.....	See hazardous combustion products section 5.

SECTION 11: Toxicological information

INGREDIENTS	LC50	LD50
Light Aliphatic Solvent Naphtha	3400 ppm 4hr rat	>2000 mg/kg oral rat >2000 mg/kg dermal rat
Propane	>1,464 mg/L 15 minutes rat	Not available
Isobutane	52 mg/L 1 hour mouse	Not available
Isobutyl Acetate	>13.24 mg/L /6 h rat	13,400 mg/kg rat oral > 5000 mg/kg rabbit dermal

PRODUCT: 14104 ENAMEL PAINT - GLOSS BLACK

SECTION 11: Toxicological information

INGREDIENTS	LC50	LD50
Carbon Black	Not available	>10,000 mg/kg oral rat 3,000 mg/kg dermal rabbit
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Ethylbenzene	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal
Benzene, ethenylmethyl-	Not available	Not available
Route of exposure.....	Eye contact. Skin contact. Skin absorption. Inhalation. Ingestion.	
Effects of acute exposure.....	Aspiration of liquid into lungs can cause chemical pneumonitis. Can be irritating to eyes and skin. Skin absorption of material may cause systemic toxicity.	
Effects of chronic exposure.....	Prolonged or repeated skin contact may cause drying or cracking of skin. Reports have associated repeated or prolonged overexposure to solvents with permanent brain and nervous system damage. Possible damage to liver and kidneys. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.	
Carcinogenicity of material.....	IARC has classified Carbon Black as "Group 2B", possibly carcinogenic to humans, based on laboratory animal inhalation studies. Ethylbenzene is classified as an A3 known animal carcinogen. Xylene has been listed by IARC as a Group 3; not classifiable as to its carcinogenicity to humans.	
Reproductive effects.....	High level exposure to Xylene in some animal studies have been reported to cause health effects on the developing embryo/fetus. The relevance of this to humans is not known. May cause genetic defects.	
Mutagenicity.....	Benzene, ethenylmethyl- : May cause genetic defects.	

SECTION 12: Ecological information

Environmental.....	Do not allow to enter waters, waste water or soil.
Persistence and degradability.....	Not available.

SECTION 13: Disposal considerations

Waste disposal.....	Do not heat or cut empty containers with electric or gas torch. This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations.
---------------------	---

SECTION 14: Transport information

TDG Classification.....	UN1950 - AEROSOLS, flammable - Class 2.1 - This product meets limited quantity exemption when shipped in containers less than 1 Litre.
DOT Classification (Road).....	UN1950 - AEROSOLS, flammable - Class 2.1 - Ltd Qty (1 Liter/0.26 Gallons).
IATA Classification (Air).....	UN1950 - AEROSOLS, flammable - Class 2.1 - Limited Quantity. Do not ship by air without checking appropriate IATA regulations.
IMDG Classification (Marine).....	UN1950 - AEROSOLS - Class 2.1 - EmS: F-D, S-U - Limited Quantity. Check IMDG regulations for limited quantity exemptions.
Marine Pollutant.....	No.
Proof of Classification.....	In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct.

SECTION 15: Regulatory information

CEPA status.....	On Domestic Substances List (DSL).
TSCA inventory status.....	All components are listed.
OSHA.....	This product is considered hazardous under the OSHA Hazard Communication Standard.
SARA Title III Section 302 - extremely hazardous substances.....	None.
Section 311/312 - hazard categories.....	Immediate health, delayed health, fire hazard.
Section 313.....	Cobalt compounds. Ethylbenzene. Xylene.
EPA hazardous air pollutants (HAPS) 40CFR63	Cobalt compounds. Ethylbenzene. Toluene. Xylene.
California Proposition 65.....	*WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. *WARNING: This product contains a chemical known to the State of California to cause cancer.

PRODUCT: 14104 ENAMEL PAINT - GLOSS BLACK

SECTION 16: Other information

Prepared by: REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com.
Telephone number: (800) 387-7981.
Disclaimer: DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed to be correct as of the date of issue but we make no representations as to its accuracy or sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

Preparation date: JAN 26/2018