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PRODUCT: PF 13410 2K HIGH BUILD PRIMER BLACK 1L

SECTION 01: IDENTIFICATION

Initial supplier identifier..... Wyatt Machine Tools Rupes (NZ) Limited
388 Church Street, Penrose, Auckland, New Zealand
PH: (09) 525 1000
Email: info@wyatt.co.nz
Emergency number 0800 992 881 (0800WYATT1)

Product identifier..... PF 13410 2K HIGH BUILD PRIMER BLACK 1L

Recommended use and restrictions on .. Automotive.
use

Chemical family..... Mixture.

NFPA rating..... Health: 2 Fire: 3 Reactivity: 0.

HMIS..... H: 2 F: 3 R: 0.

24 hour emergency number..... NZ Emergency 0800 992 881 (0800WYATT1).

SECTION 02: HAZARD IDENTIFICATION



Signal Word..... WARNING.

Hazard Classification..... Serious Eye Damage/Eye Irritation — Category 2A. Flammable Liquid 3. Specific Target Organ Toxicity — Single Exposure — Category 2.

Hazard Description..... H226 Flammable liquid and vapour. H319 Causes serious eye irritation. H371 May cause damage to organs.

Prevention..... P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion proof equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P260 Do not breathe the mist, vapours, or spray. P264 Wash thoroughly after handling. P270 Do not eat drink or smoke while using this product. P280 Wear protective gloves and eye protection.

Response P305 + P351 + P338 If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing until medical help arrives. P337 + P313 - If eye irritation persists get medical attention. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower . P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P308 + P311 If exposed or concerned; call a poison center or doctor.

Storage..... P403 + P235 Store in well ventilated area. Keep cool. P405 Store locked up.

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

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Talc	14807-96-6	10-30
Benzoyl peroxide	94-36-0	
Methyl Acetate	79-20-9	7-13
4-Chlorobenzotrifluoride	98-56-6	5-10
n-Butyl Acetate	123-86-4	4-10
Carbon Black	1333-86-4	1-5
Xylene	1330-20-7	1-5
Distillates (Petroleum) Hydrotreated Light	64742-47-8	0.5-1.5
Ethylbenzene	100-41-4	0.1-1
Crystalline Silica	14808-60-7	<0.5

PRODUCT: PF 13410 2K HIGH BUILD PRIMER BLACK 1L**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

<<The actual concentration(s) withheld as a trade secret>>

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. Obtain medical attention.
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.
Ingestion.....	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.
Most important symptoms and effects, whether acute or delayed	Harmful if swallowed, in contact with skin or if inhaled. Causes skin and eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. This product contains ingredients that may cause cancer. This product contains ingredients that are suspected of damaging fertility or the unborn child.
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 extinguishing media.....	"Alcohol" foam, CO ₂ , dry chemical. Do not use water in a jet.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Oxides of carbon (CO, CO ₂). Hydrogen chloride. hydrogen flouride.
Special protective equipment and precautions for fire-fighters	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.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak/spill.....	Ventilate. Eliminate all sources of ignition. Avoid all personal contact. Evacuate all non-essential personnel. Contain the spill. 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.
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SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....	Keep away from heat, sparks, and open flame. 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 all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid breathing vapours or mist. Handle and open container with care. Employees should wash hands and face before eating or drinking. Employee education and training are important.
Conditions for safe storage, including any incompatibilities	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

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Talc	2 mg/m ³ CA ON: 2mg/kg (TWA)	Not available	2 mg/m ³ TWA	Not available	2 mg/m ³
Benzoyl peroxide	5 mg/m ³	Not Established	5 mg/m ³	Not Established	5 mg/m ³ TWA
Methyl Acetate	200 ppm	250 ppm	200 ppm	250 ppm in some States	200 ppm
AB/BC/ON/PQ: 200ppm (TWA), 250ppm (STEL)					

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SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	ACGIH TLV		OSHA PEL		NIOSH
	TWA	STEL	PEL	STEL	
4-Chlorobenzotrifluoride	Not established	Not established	Not established	Not established	Not established
n-Butyl Acetate	50 ppm	150 ppm	150 ppm	200 ppm	150 ppm / STEL 200 ppm
Carbon Black	3 mg/m3 CA ON: 50ppm (TWA), 150ppm (STEL)	Not established	3.5 mg/m3	Not established	3.5 mg/m3
Xylene	50 ppm CA ON: 3 mg/m3 (Inhalable) TWA	150 ppm	100 ppm TWA	Not available	Not available
Distillates (Petroleum) Hydrotreated Light	1200 mg/m3 CA ON: 100ppm (TWA); 150ppm (STEL)	197 ppm	Not available	Not available	Not available
Ethylbenzene	100 ppm CA BC: 200mg/m3 (TWA) Skin	125 ppm	100 ppm	Not established	100 ppm / STEL 125 ppm
Crystalline Silica	0.025 mg/m3 CA ON: 20ppm (TWA) CA ON: 0.025 mg/m3 Respirable	Not available	0.1 mg/m3 TWA	Not available	0.05 mg/m3

Personal Protective Equipment

Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits. NIOSH/MSHA approved respirator recommended if mist exposure limit exceeded.
Eye/type.....	Chemical safety goggles. Chemical safety goggles and full faceshield if splash hazard exists.
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.
Appropriate engineering controls.....	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.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state.....	Liquid.
Colour.....	Black.
Odour.....	Hydrocarbon.
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	Not available.
Vapour density (air=1).....	>1.
pH.....	Not applicable.
Relative Density (Specific Gravity).....	12.23 lbs/USG; 1.465.
Melting / Freezing point (deg C).....	Not available.
Solubility.....	No data.
Initial boiling point / boiling range (deg C).....	Not available.
Evaporation rate.....	No data.
Flash point (deg C), method.....	9. (estimate; lowest flash point ingredient).
Auto ignition temperature (deg C).....	Not available.
Upper flammable limit (% vol).....	10.5.
Lower flammable limit (% vol).....	0.9.
Partition coefficient — n-octanol/water.....	Not available.
% Volatile by volume.....	51.25.
VOC LBS/GAL less water.....	1.81 lbs/USG; 216.9 g/L.
Viscosity.....	No data.

PRODUCT: PF 13410 2K HIGH BUILD PRIMER BLACK 1L**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, including static discharge, shock or vibration	Incompatible with strong oxidizers. Lewis or mineral acids. Keep away from heat.
Hazardous decomposition products.....	Oxides of carbon (CO,CO2). Hydrogen chloride. Hydrogen fluoride. Thermal decomposition may produce acrid smoke and irritating fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Talc	Not available	Not available
Benzoyl peroxide	>24.3 mg/L (4 hr., vapour)	7710 mg/kg (Rat, Oral)
Methyl Acetate	>49 mg/L (4 hr) rat	6482 mg/kg (oral rat); >2,000 mg/kg (dermal rat)
4-Chlorobenzotrifluoride	4479 ppm	>6,800 mg/kg (rat oral); >2,700 mg/kg (rabbit dermal)
n-Butyl Acetate	>33 mg/L vapour, 5.2 mg/L (rat) dust/mist	10760 mg/kg (rat, oral) 14112 mg/kg (rabbit, dermal)
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
Distillates (Petroleum) Hydrotreated Light	>5.2 mg/L (4 hr.)	>5000 mg/kg (oral, rat), >2000 mg/kg (dermal, rabbit)
Ethylbenzene	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal
Crystalline Silica	Not available	>22,500 mg/kg (oral rat)
Route of exposure.....	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	The aromatic hydrocarbon solvents in this product can be irritating to the eyes, nose and throat. In high concentration, they may cause central nervous system depression and narcosis characterized by nausea, lightheadedness and dizziness from overexposure by inhalation.	
Effects of chronic exposure.....	Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.	
Skin contact.....	Can cause moderate irritation, defatting and dermatitis.	
Skin absorption.....	Chronic skin exposure to solvents may cause effects similar to those identified under chronic inhalation.	
Eye contact.....	Can cause redness, irritation, tissue destruction.	
Inhalation (acute).....	Solvent vapours may be irritating to the eyes, nose and throat, resulting in redness, burning and itching of eyes, dryness of the throat and tightness in the chest. Breathing of high vapour concentrations may cause anesthetic effects and serious health effects.	
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. Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, nausea and asphyxiation.	
Ingestion.....	Aspiration of material into lungs can cause chemical pneumonitis which can be fatal. May be harmful or fatal if swallowed.	
Carcinogenicity.....	Quartz (Crystalline Silica) is listed by IARC in Group 1 as a carcinogen. Ethylbenzene is known to the state of California to cause cancer and developmental effects and is listed by IARC as a Group 2B Carcinogen. IARC has classified Carbon Black as "Group 2B", possibly carcinogenic to humans.	
Reproductive effects.....	None.	
Specific Target Organ Toxicity	Causes damage to organs. May cause drowsiness or dizziness.	

SECTION 12: ECOLOGICAL INFORMATION

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

PRODUCT: PF 13410 2K HIGH BUILD PRIMER BLACK 1L**SECTION 13: DISPOSAL CONSIDERATIONS**

Information on safe handling for disposal and methods of disposal, including any contaminated packaging . Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations.

SECTION 14: TRANSPORT INFORMATION

TDG Classification..... UN1263 - PAINT - Class 3 - Packing Group II - This product meets limited quantity exemption when shipped in containers less than 5 litres.
 DOT Classification (Road)..... UN1263 - PAINT - Class 3 - Packing Group II - Ltd Qty (1 Liter). Refer to 49CRF 172.101 for additional non-bulk packaging requirements.
 IATA Classification (Air)..... UN1263 - PAINT - Class 3 - Packing Group II. Limited Quantity. Do not ship by air without checking appropriate IATA regulations.
 IMDG Classification (Marine)..... UN1263 - PAINT - Class 3 - Packing Group II - EmS: F-E S-E. 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 None.
 substances
 Section 311/312 - hazard categories..... Immediate health, delayed health, fire hazard.
 Section 313..... Ethylbenzene. Xylene.
 EPA hazardous air pollutants (HAPS) Ethylbenzene. Toluene. Xylene.
 40CFR63
 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. For more information, go to www.P65Warnings.ca.gov.
 (NZ) Statement..... This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017.
 (NZ) HSNO Classifications..... 3.1B. 6.3B. 6.4A. 6.1D. 6.7A. 6.8B. 6.9A.
 (NZ) HSNO Group Standard..... Surface Coatings/Colourants - Flammable toxic 6.7A HSR002669.

SECTION 16: OTHER INFORMATION

Prepared by: REGULATORY AFFAIRS.
 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.
 Review Date:..... 2023-11-15.
 Date of the latest revision of the safety .. 2019-11-13
 data sheet