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**PRODUCT: PF 13400 2K HIGH BUILD PRIMER 4L GREY**

### SECTION 01: IDENTIFICATION

Initial supplier identifier..... Wyatt Machine Tools (Rupes) NZ Limited  
388 Church Street, Penrose  
Auckland, New Zealand  
PH: (09) 525 1000  
FAX: (09) 525 1009

Product identifier..... PF 13400 2K HIGH BUILD PRIMER 4L GREY

Recommended use and restrictions on .. Paints. This product should not be used for any other purpose other than the ones  
use described in this section.

Chemical family..... Acrylic coating.

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..... DANGER.

Hazard Classification..... Flammable Liquid 2. Skin Irritation — Category 2. Eye Irritant 2. Carcinogen 1A.  
Reproductive Toxicity — Category 2. Specific Target Organ Toxicity — Repeated  
Exposure — Category 1.

Hazard Description..... H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H319 Causes  
serious eye irritation. H350 This product contains ingredients that may cause cancer. H361  
Suspected of damaging fertility or the unborn child. H372 Causes damage to organs  
through prolonged or repeated exposure.

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. 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. P280 Wear protective gloves and eye protection. P260 Do not breathe  
mist, vapours, or spray. P264 Wash thoroughly after handling. P270 Do not eat drink or  
smoke while using this product.

Response ..... P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P303 +  
P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse  
thoroughly with water and use safety shower . P302 + P352 - If on skin: wash with plenty of  
water. P332 + P313 - If skin irritation occurs get medical attention or advice. P362 + P364 -  
Take off contaminated clothing and wash before reuse. 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. P308 + P313 If exposed or concerned, get medical advice/attention.

Storage..... P321 - For specific treatment see section 4 on this SDS.

Disposal..... P403 + P235 Store in well ventilated area. Keep cool. P405 Store locked up.  
P501 Dispose all unused, waste or empty containers in accordance with local regulations.

### SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Talc	14807-96-6	14-24
n-Butyl Acetate	123-86-4	5-10
Methyl Acetate	79-20-9	5-10
4-Chlorobenzotrifluoride	98-56-6	5-10
Xylene	1330-20-7	1-5

**PRODUCT: PF 13400 2K HIGH BUILD PRIMER 4L GREY****SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

Titanium Dioxide	13463-67-7	3-7
Distillates (Petroleum) Hydrotreated Light	64742-47-8	0.5-1.5
Crystalline silica	14808-60-7	0.1-1
Ethylbenzene	100-41-4	0.1-1

**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.
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.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Oxides of carbon (CO, CO2). Toxic vapours may be evolved upon exposure to heat or open flame.
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. 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. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Leak/spill.....	Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. 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%). 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.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks, and open flames. Store away from oxidizing and reducing materials. Store away from sunlight. Keep container closed when not in use.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV		OSHA PEL		NIOSH
		STEL	REL	STEL	REL	
Talc	2 mg/m3	Not established	2 mg/m3 TWA	3 mg/m3 - QUE	Not established	
n-Butyl Acetate	50 ppm	150 ppm	150 ppm	200 ppm	150 ppm / STEL 200 ppm	
Methyl Acetate	200 ppm	250 ppm	200 ppm	250 ppm in some States	200 ppm	

**PRODUCT: PF 13400 2K HIGH BUILD PRIMER 4L GREY****SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
4-Chlorobenzotrifluoride	Not established	Not established	Not established	Not established	Not established
Xylene	50 ppm	150 ppm	100 ppm TWA	Not established	Not established
Titanium Dioxide	10 mg/m3	Not established	15 mg/m3	Not established	Not established
Distillates (Petroleum) Hydrotreated Light	1200 mg/m3	197 ppm	Not established	Not established	Not established
Crystalline silica	Not Established	Not Established	Not Established	Not Established	Not Established
Ethylbenzene	100 ppm	125 ppm	100 ppm	Not established	100 ppm / STEL 125 ppm

**Personal 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.
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.....	Gray.
Odour.....	Solvent odour.
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	Not available.
Vapour density (air=1).....	>1.
pH.....	Not applicable.
Relative Density (Specific Gravity).....	12.42 lbs/USG.
Melting / Freezing point (deg C).....	Not available.
Solubility.....	Slightly soluble in water.
Initial boiling point / boiling range (deg C).....	97°C.
Evaporation rate.....	Moderate.
Flash point (deg C), method.....	9. (estimated).
Auto ignition temperature (deg C).....	> 200°C.
Upper flammable limit (% vol).....	10.5.
Lower flammable limit (% vol).....	0.9.
Partition coefficient — n-octanol/water.....	Not available.
VOC.....	2.09 lbs/USG.
Viscosity.....	2000 cps spindle #4.

**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.
Conditions to avoid, including static discharge, shock or vibration .....	Keep away from heat. Incompatible with strong oxidizers.
Hazardous decomposition products.....	Oxides of carbon (CO,CO2).
Possibility of hazardous reactions.....	Will not occur under normal temperature and pressure.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Talc	Not available	Not available
n-Butyl Acetate	390 ppm (4 hr.)	10768 mg/kg (rat oral) 17600 mg/kg (rabbit dermal)

**PRODUCT: PF 13400 2K HIGH BUILD PRIMER 4L GREY****SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
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
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Titanium Dioxide	Not Available	> 10,000 mg/kg rat oral > 10,000 mg/kg rabbit dermal
Distillates (Petroleum) Hydrotreated Light	>5.2 mg/L (4 hr.)	>5000 mg/kg (oral, rat) >2000 mg/kg (dermal, rabbit)
Crystalline silica	Not Available	Not Available
Ethylbenzene	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal

Route of exposure.....	Eye contact. Skin contact. Inhalation.
Effects of acute exposure.....	Can be irritating to eyes and skin. 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. Prolonged or repeated breathing of talc may result in progressive and permanent lung disease (fibrosis) which may cause death from respiratory and/or heart failure. Symptoms include coughing and difficult breathing which becomes worse with physical activity. . 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 of material.....	IARC has classified Titanium Dioxide as a group 2B carcinogen. Quartz (Crystalline Silica) is listed by IARC in Group 1 as a 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.

**SECTION 12: ECOLOGICAL INFORMATION**

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

**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. Empty containers must be handled with care due to product residue.
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**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.
IATA Classification (Air).....	UN1263 - PAINT - Class 3 - Packing Group II.
IMDG Classification (Marine).....	UN1263 - PAINT - Class 3 - Packing Group II - EmS: F-E S-E.
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. .

**PRODUCT: PF 13400 2K HIGH BUILD PRIMER 4L GREY****SECTION 15: REGULATORY INFORMATION**

WHMIS 1988 classification.....	B2. D2A. D2B.
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.....	Xylene. Ethylbenzene.
EPA hazardous air pollutants (HAPS) 40CFR63 .....	Xylene. Ethylbenzene. Toluene.
California Proposition 65.....	*** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause birth defects or other reproductive harm. (Toluene). *** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause cancer . (Carbon black - airborne, unbound particles of respirable size). (Silica, crystalline (airborne particles of respirable size). (Ethyl benzene). (Titanium dioxide - airborne, unbound particles of respirable size). For more information, go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .
(NZ) Statement.....	This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017.
(NZ) HSNO Classifications.....	3.1B. 6.3A. 6.4A. 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. Trivalent Data Systems Ltd. <a href="http://www.trivalent.com">www.trivalent.com</a> .
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.
Date of the latest revision of the safety data sheet ..	2019-11-13