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**PRODUCT: PF11294 SELF LEVELING GLAZE 1L**

### 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..... PF11294 SELF LEVELING GLAZE 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..... DANGER.

Hazard Classification..... Flammable Liquid 3. Aspiration Toxicity 1. Acute Toxicity 4. Carcinogenicity — Category 1. Reproductive Toxicity — Category 2. Specific Target Organ Toxicity — Repeated Exposure — Category 1.

Hazard Description..... H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H332 Harmful if inhaled. 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 the mist, vapours, or spray. P271 Use only outdoors or in a well ventilated area. P264 Wash hands 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. P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331 Do NOT induce vomiting. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P308 + P313 If exposed or concerned, get medical advice/attention.

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.

### SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Styrene	100-42-5	25-30
Talc	14807-96-6	10-20
Titanium Dioxide	13463-67-7	1-5
Crystalline Silica	14808-60-7	0.1-1
N,N-Dimethylacetamide	127-19-5	0.1-1

**PRODUCT: PF11294 SELF LEVELING GLAZE 1L****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.....	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. 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. The main hazard from ingestion is aspiration of the liquid into the lungs.
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. Water fog.
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.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	May produce hazardous fumes. Oxides of carbon (CO, CO2). Dense black smoke.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Leak/spill.....	Avoid breathing vapours and skin contact. Remove sources of ignition if combustible or flammable vapours may be present and ventilate area. 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. 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. Cover spill with absorbent material and place in appropriate containers. Spill area can be washed with water. Collect wash water for approved disposal.
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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	Store in a cool, dry and well ventilated area. Keep container closed when not in use. Store away from all sources of heat and ignition. Store away from oxidizing and reducing materials.

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

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Styrene	20 ppm	40 ppm	100 ppm	Not established		100 ppm
Talc	2 mg/m3	Not established	2 mg/m3 TWA	3 mg/m3 - QUE		Not established
Titanium Dioxide	10 mg/m3	Not established	15 mg/m3	Not established		Not established
Crystalline Silica	0.025 mg/m3	Not established	0.1 mg/m3 TWA	Not established		0.05 mg/m3
N,N-Dimethylacetamide	No data	No data	No data	No data		No data
	10 ppm					

Personal Protective Equipment Eye/type.....	Chemical safety goggles and full faceshield if a splash hazard exists.
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**PRODUCT: PF11294 SELF LEVELING GLAZE 1L****SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Respiratory/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.
Gloves/ type.....	Chemical resistant gloves.
Clothing/type.....	Wear adequate protective clothes.
Footwear/type.....	Safety boots per local regulations.
Other/type.....	Eye wash facility and emergency shower should be in close proximity.
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.....	Light yellow.
Odour.....	Hydrocarbon odour.
Relative Density (Specific Gravity).....	0.97 - 8.2 lb/USG.
Odour threshold (ppm).....	0.14 (Styrene).
Vapour pressure (mm Hg).....	4.5 mmHg @ 20C (styrene).
Vapour density (air=1).....	>1.
pH.....	No data.
Melting / Freezing point (deg C).....	Not available.
Solubility.....	No data.
Initial boiling point / boiling range (deg C).....	145°C.
Evaporation rate.....	Not available.
Flash point (deg C), method.....	32. (estimated).
Auto ignition temperature (deg C).....	> 400°C.
Upper flammable limit (% vol).....	6.8.
Lower flammable limit (% vol).....	0.9.
Partition coefficient — n-octanol/water.....	Not available.
VOC.....	55.12 g/l - 0.46 lb/usg.
Viscosity.....	15,400 cps Spindle C @ 10 rpm.

**SECTION 10: STABILITY AND REACTIVITY**

Chemical stability.....	Stable at normal temperatures and pressures. May become unstable at >77 C.
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. Organic peroxides.
Hazardous decomposition products.....	See hazardous combustion products section 5.
Possibility of hazardous reactions.....	Will not occur under normal temperature and pressure.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Styrene	2770 ppm 4 hr rat	5000 mg/kg rat oral
Talc	Not available	Not available
Titanium Dioxide	Not Available	> 10,000 mg/kg rat oral > 10,000 mg/kg rabbit dermal
Crystalline Silica	Not available	>22,500 mg/kg oral rat
N,N-Dimethylacetamide	2475 ppm rat	4300 mg/kg oral rat; 2240 mg/kg dermal rat

Route of exposure.....	Eye contact. Skin contact. Inhalation. Ingestion.
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. Styrene is slightly irritating to skin and eyes. Vapors may be irritating to eyes and upper respiratory tract. If swallowed, this product may be aspirated and cause lung damage.

**PRODUCT: PF11294 SELF LEVELING GLAZE 1L****SECTION 11: TOXICOLOGICAL INFORMATION**

Effects of chronic exposure.....	Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Repeated contact with the skin may cause dermatitis in sensitive individuals. Prolonged or repeated exposure may lead to liver, kidney or central nervous system symptoms. Several studies with workers indicate that central and peripheral nervous systems are the primary targets of styrene due to repeated exposures. Ingestion may cause adverse systemic effects. Prolonged overexposure to crystalline silica (quartz) dust can cause fibrotic lung damage.
Carcinogenicity of material.....	Styrene is classified by IARC as a Group 2B carcinogen. IARC has classified Titanium Dioxide as a group 2B carcinogen. Quartz (Crystalline Silica) is listed by IARC in Group 1 as a carcinogen. . Calcium carbonate may contain at least 0.1% of a carcinogen (crystalline silica).
Reproductive effects.....	Contains N, N-Dimethylacetamide (127-19-5); Suspected of damaging fertility or the unborn child . N,N-dimethylacetamide is known to the state of California to cause developmental effects.

**SECTION 12: ECOLOGICAL INFORMATION**

Environmental.....	Do not allow to enter waters, waste water or soil.
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**SECTION 13: DISPOSAL CONSIDERATIONS**

Information on safe handling for disposal and methods of disposal, including any contaminated packaging	Dispose of as an industrial waste in a manner acceptable to good waste management practice and in accordance with applicable local, provincial/State or federal regulations. Empty containers must be handled with care due to product residue.
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**SECTION 14: TRANSPORT INFORMATION**

TDG Classification.....	UN3269 - Polyester Resin Kit - Class 3 - Packing Group III - This product meets the criteria for Limited Quantity Exemptions when packaged in containers less than 5 litres .
IATA Classification (Air).....	UN3269 - Polyester Resin Kit - Class 3 - Packing Group III.
IMDG Classification (Marine).....	UN3269 - Polyester Resin Kit - Class 3 - Packing Group III - EmS: F-E S-D.
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**

WHMIS 1988 classification.....	B2, D2A, D2B.
CEPA status.....	A component of this product is not on the NDSL.
TSCA inventory status.....	Not determined.
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.....	Nickle compounds. Styrene.
EPA hazardous air pollutants (HAPS) ..... 40CFR63	Styrene.
California Proposition 65.....	*WARNING: This product contains a chemical known to the State of California to cause cancer. (Silica, crystalline (airborne particles of respirable size). (Nickel compounds). (Styrene). (Titanium dioxide - airborne, unbound particles of respirable size). *WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. (N,N-Dimethylacetamide).
(NZ) Statement.....	This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017.
(NZ) HSNO Classifications.....	3.1A. 6.1A. 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. 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

**PRODUCT: PF11294 SELF LEVELING GLAZE 1L****SECTION 16: OTHER INFORMATION**

Disclaimer:..... 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 .. 2019-11-12  
data sheet