



Pro Form Products Ltd.
604 McGeachie Drive
Milton, Ontario, L9T 3Y5
Canada
905-878-4990

PRODUCT: PF 17000 STRUCTRAL ADHESIVE BLACK 35MINS PART B

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 17000 STRUCTRAL ADHESIVE BLACK 35MINS PART B

Recommended use and restrictions on .. Adhesive applications.
use

Chemical family..... Polyol preparation.

Hazard rating

NFPA rating..... Health: 2 Fire: 1 Reactivity: 0.

HMIS..... H: 2* F: 1 R: 0.

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

SECTION 02: HAZARD IDENTIFICATION



Signal Word..... WARNING.

Hazard Classification..... Acute Toxicity 4. Skin Irritation — Category 2. Carcinogenicity — Category 2.

Hazard Description..... H315 Causes skin irritation. H335 May cause respiratory irritation. H332 Harmful if inhaled.
H351 This product contains ingredients that are suspected of causing cancer.

Prevention..... P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye protection. P270 Do not eat drink or smoke while using this product. P273 Avoid release to the environment. P284 In case of inadequate ventilation wear respiratory protection.

Note The reacted product is an inert plastic when fully cured, and as such, is non hazardous.
Exposure to unreacted chemicals can occur when handling the individual components in pails or when using cartridges from the time of dispensing until the mixed material has cured.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Talc	14807-96-6	10-20
CLAY (TALC)	14807-96-6	1-5
Silica, Amorphous	7631-86-9	1-5
Carbon Black	1333-86-4	0.1-1
Quartz	14808-60-7	<1.0

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.

PRODUCT: PF 17000 STRUCTURAL ADHESIVE BLACK 35MINS PART B**SECTION 04: FIRST-AID MEASURES**

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.
 Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products Oxides of carbon (CO, CO₂). Oxides of nitrogen.
 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.

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. Cover spill with absorbent material and place in appropriate containers. Spill area can be washed with water. Collect wash water for approved disposal. 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

Precautions for safe handling..... Avoid breathing vapours or mist. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. 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 oxidizing and reducing materials.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Talc	2 mg/m ³	Not established	2 mg/m ³ TWA	3 mg/m ³ - QUE	Not established	Not established
CLAY (TALC)	2 mg/m ³	Not established	2 mg/m ³ TWA	3 mg/m ³ - QUE	Not established	Not established
Silica, Amorphous	Not established	Not established	Not established	Not established	Not established	Not established
Carbon Black	3.5 mg/m ³	Not established	3.5 mg/m ³	Not established	3.5 mg/m ³	3.5 mg/m ³
Quartz	0.025 mg/m ³	Not Established	0.1 mg/m ³ Respiratory	Not Established	0.05 mg/m ³	0.05 mg/m ³

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..... Local exhaust at points of emission.
 Exposure limits

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state..... Liquid.
 Colour..... Black.
 Odour..... No data.
 Odour threshold (ppm)..... Not available.
 Vapour pressure (mm Hg)..... 3 hPa @ 25°C.
 Vapour density (air=1)..... >1.
 pH..... No data.
 Relative Density (Specific Gravity)..... 1.23 g/cm³ - 10.2 lb/USG @ 25C.
 Melting / Freezing point (deg C)..... Not available.
 Solubility..... No data.

PRODUCT: PF 17000 STRUCTRAL ADHESIVE BLACK 35MINS PART B**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Initial boiling point / boiling range (deg C).....	No data.
Evaporation rate.....	1.0. Ethyl ether = 1.0.
Flash point (deg C), method.....	>93.4°C, >200°F .
Auto ignition temperature (deg C).....	Not available.
Upper flammable limit (% vol).....	No data.
Lower flammable limit (% vol).....	No data.
Partition coefficient — n-octanol/water.....	Not available.
VOC.....	0.0 g/L - 0.0 lb/usg.
Viscosity.....	Not available.

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	Incompatible with strong oxidizers. Phosphorus and phosphorus-containing compounds. Isocyanates.
Hazardous decomposition products.....	See hazardous combustion products section 5.
Possibility of hazardous reactions.....	Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Talc	Not available	Not available
CLAY (TALC)	No data	No data
Silica, Amorphous	Not Available	3160 mg/kg rat oral
Carbon Black	Not available	>10,000 mg/kg oral rat 3,000 mg/kg dermal rabbit
Quartz	Not Available	Not Available
Route of exposure.....	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	Can cause moderate skin irritation. Contact with eyes may cause irritation.	
Effects of chronic exposure.....	Repeated contact with the skin may cause dermatitis in sensitive individuals.	
Carcinogenicity of material.....	IARC has classified Carbon Black as "Group 2B", possibly carcinogenic to humans, based on laboratory animal inhalation studies. The Talc in this product may contain Quartz (<1).	
Toxicological Data		

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	Empty containers must be handled with care due to product residue. 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.
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SECTION 14: TRANSPORT INFORMATION

TDG Classification.....	Not regulated.
IATA Classification (Air).....	Not regulated.
IMDG Classification (Marine).....	Not regulated.
Marine Pollutant.....	No.

SECTION 15: REGULATORY INFORMATION

WHMIS 1988 classification.....	D2A, D2B.
CEPA status.....	On Domestic Substances List (DSL).
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.
Section 313.....	None.

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SECTION 15: REGULATORY INFORMATION

EPA hazardous air pollutants (HAPS) None.
 40CFR63
 TSCA inventory status..... All components are listed.
 California Proposition 65..... This product contains Carbon Black known to the State of California to cause cancer.
 (NZ) Statement..... This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017.
 (NZ) HSNO Classifications..... 6.1D. 6.3A. 6.7B.
 (NZ) HSNO Group Standard..... Surface Coatings/Colourants - Toxic 6.7 HSR002679.

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.

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 data sheet