

SECTION 1: Identification and Company Details

Product Name: 2MX5 Multipurpose Adhesive
Product Code: 2MX5
Manufacturer/ Supplier: Roberts Canada Ltd.
Address: 34 Hansen Road S.
Brampton, ON L6W 3H4 CA.
Phone: (905) 791-4444 9am-5pm EST
Emergency Phone: (888) 226-8832 (CANUTEC) 24 hour response
Recommended Use: Adhesive

SECTION 2: Hazard(s) Identification**Classification of the****substance or mixture:** Eye Irritation — Category 2A.**Signal Word:** WARNING**Hazard Statements:** Causes serious eye irritation**Precautionary Statements:** Prevention: Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage: None.

Disposal: None.

Other: None.

Comments: Fillers are encapsulated and not expected to be released from product under normal conditions of use.

Supplemental Information: < 5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity.

**Hazard Pictograms:****SECTION 3: Composition / Information on Ingredients**

	<u>Weight %</u>	<u>CAS #</u>
Ethoxylated nonyphenol	1.6	68412-54-4
Titanium dioxide	0.3-1.5	13463-67-7
Crystalline silica, quartz	0-1	14808-60-7
Tetrasodium pyrophosphate	0.1	7722-88-5

SECTION 4: First-Aid Measures**Routes of exposure:****Inhalation
Ingestion**

Remove to fresh air. If irritation persists, consult a physician. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician immediately.

Skin contact

Wash off with soap and water. Get medical attention if irritation develops and persists. Take off contaminated clothing and wash before reuse.

Eye contact

Promptly flush with large amounts of cold water for at least 15 minutes. If irritation persists, consult a physician.

**Most important symptoms
and effects, both acute and
delayed**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

**Medical attention and
special treatment**

Note to physician: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5: Fire-Fighting Measures

Extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Hazardous combustion products: Carbon oxides. Evolution of fumes/fog. Harmful vapours. Formaldehyde. Silicone compounds. Nitrogen oxides (NOx).

Special protective equipment and Precautions: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Sensitivity to static discharge: Product is not sensitive to static discharge.

Sensitivity to mechanical impact: Product is not sensitive to mechanical impact.

Further information: Contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Use personal protective clothing. Eliminate all sources of ignition. Ventilate area if indoors.

Environmental precautions: Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods

Methods and materials for containment and cleaning up: Ensure adequate ventilation. Cover spill area with suitable absorbent material (e.g., sand, earth, sawdust, vermiculite, Oil-Dri, Kitty Litter, etc.). Sweep up material being careful not to raise dust. Place in an appropriate disposal container and seal tightly.

SECTION 7: Handling and Storage

Handling precautions: Avoid contact with skin and eyes. Keep container closed when not in use. No special measures necessary provided product is used correctly. This product is for industrial use only. Use with adequate ventilation. Wash thoroughly after handling. Do not take internally. Avoid contact with skin, eyes and clothing.

Storage needs: Keep containers tightly closed when not in use. Keep containers from excessive heat and freezing.

Materials to avoid: Keep away from strong acids. Keep away from strong bases. Keep away from oxidizing agents.

SECTION 8: Exposure Control / Personal Protection

<u>Chemical Name</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>NIOSH REL</u>
Ethoxylated nonyphenol	No Data Available PEL No Data Available STEL	No Data Available TWA No Data Available STEL	No Data Available
Titanium dioxide	15 mg/m3 PEL No Data Available STEL	10 mg/m3 TWA No Data Available STEL	No Data Available
Crystalline silica, quartz	0.1 mg/m3 PEL No Data Available STEL	0.025 mg/m3 TWA No Data Available STEL	0.05 mg/m3
Tetrasodium pyrophosphate	5 mg/m3 PEL No Data Available STEL	No Data Available TWA No Data Available STEL	No Data Available

Engineering controls: No special ventilation requirements.

Individual protection measures

Eye/type: Safety glasses with side-shields.

Clothing/type: Wear suitable protective clothing. Normal work clothing (long sleeved shirts and long pants) is recommended.

Gloves/ type: Wear chemical resistant protective gloves.

Respiratory/type: Generally not required. Wear respiratory protection if ventilation is inadequate.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and Chemical Properties

Appearance:	Paste
Color:	Beige, off-white
Odour:	Mild
Odour threshold:	No data available
Ph:	9.2-9.8
Melting point (°C):	Not applicable
Freezing point (°C):	No data available
Initial boiling point (°C):	100
Flash point (°C), Method:	>100°C, closed cup
Evaporation rate:	No data available
Upper flammability limit (% vol):	No data available
Lower flammability limit (% vol):	No data available
Vapour pressure (mm Hg):	No data available
Vapour density (air=1):	> 1
Relative density/Specific Gravity:	1.21
Solubility in other solvents:	No data available
Partition coefficient — n-octanol/water:	No data available
Auto ignition temperature (°C):	> 200 °C
Thermal decomposition temperature:	No data available
Viscosity:	No data available

SECTION 10: Stability and Reactivity

Reactivity:	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability:	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions:	No hazardous reactions when stored and handled according to instructions. The product is chemically stable.
Conditions to avoid:	Exposure to air or moisture over prolonged periods. Prolonged heat/light/air exposure.
Incompatible materials:	Acids and bases. Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products if stored and handled as prescribed/indicated. Toxic gases/fumes may be given off during burning or thermal decomposition.

SECTION 11: Toxicological Information

INGREDIENTS	LC50	LD50
Ethoxylated nonyphenol	No data available	4,400 mg/kg (dermal-rabbit)
Titanium dioxide	No data available	> 10,000 mg/kg (oral-rat)
Crystalline silica, quartz	No data available	500 mg/kg (oral-rat)
Tetrasodium pyrophosphate	No data available	>4,000 mg/kg (oral-rat); >300 mg/kg (dermal-rabbit)

Routes of Exposure

Inhalation
Ingestion
Skin contact
Eye contact

Acute Effects

Acute oral toxicity:	Acute toxicity estimate > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single ingestion.
Acute dermal toxicity:	LD50 (Rabbit) : > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single skin contact.
Acute inhalation toxicity:	Acute toxicity estimate : > 20 mg/l. Method: calculation method.
Skin corrosion/irritation:	Test atmosphere: vapour. Exposure time: 4 h. Virtually nontoxic by inhalation. Non-irritant.
Serious eye damage/eye irritation:	Result: Eye irritation.
Respiratory or skin sensitization:	Non-sensitizing.

Specific target organ toxicity (STOT) single: Based on the available information there is no specific target organ toxicity to be expected exposure after a single exposure.

Aspiration hazard: No aspiration hazard expected.

Chronic Toxicity/Effects

Specific target organ toxicity (STOT) repeated exposure: No known significant effects or critical hazards.

Germ cell mutagenicity: No known significant effects or critical hazards.
Carcinogenicity: Titanium dioxide is listed as IARC Group 2B (possibly carcinogenic to humans). Respirable crystalline silica dust is listed with IARC as a Class 1 carcinogen and with NTP as a suspected carcinogen. Prolonged or excessive exposure to silica can cause silicosis. This formula contains hazardous fillers which are not hazardous in a wet or encapsulated state. However, if the formula is reduced to a respirable fraction by grinding or putting into an airborne powder, the powder is considered a hazardous material.

Reproductive toxicity: No known significant effects or critical hazards.

Remarks: The product has not been tested. The statement has been derived from the properties of the individual components.

SECTION 12: Ecological Information

Ecotoxicity: May cause long-term adverse effects in the aquatic environment.

Persistence and Degradability: The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

SECTION 13: Disposal Considerations

Disposal Methods:

Waste disposal of substance: Dispose of in accordance with national, state and local regulations.

Container disposal: Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

SECTION 14: Transport Information

TDG classification:x Not regulated as a dangerous good

SECTION 15: Regulatory Information

WHMIS Regulatory Status: This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products. This product is WHMIS 2015 controlled.

SECTION 16: Other Information

Disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

Prepared by: Roberts Consolidated Product Safety & Regulatory Compliance Group, (706) 277-5294

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