

MANUFACTURER: Metro – Solid Waste & Recycling Department
Environmental & Engineering Services Division
Latex Paint Recycling Program
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HMIS HAZARD RATING	
Health*	1
Flammability	1
Reactivity	0
Personal Protection	B

* see Section 5

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Preparer's Title: Household Hazardous Waste Program Manager

SECTION 1 – PRODUCT IDENTIFICATION

Product Number: N/A
Product Class: Pigmented Latex Emulsion Coating
This product consists primarily of post-consumer recyclable latex paints.
Feedstock may vary.

Product Name: MetroPaint™
100% Recycled Latex Paint*
Interior/Exterior Low-Sheen
*May contain 0-2% virgin materials as additives.

SECTION 2 – HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Percent By Weight	Exposure Limits And Source	Vapor Pressure mm Of Hg
Ethylene Glycol ⁽¹⁾	00107-21-1	<5%	50 ppm OSHA Ceiling 50 ppm ACGIH TLV	0.1 @ 68°F
Propylene Glycol	00057-55-6	<5%	No exposure limits established	<0.1
2,2,4-Trimethyl-1,3-Pentanediol Isobutyrate	25265-77-4	<5%	No exposure limits established	<0.1
Titanium Dioxide	13463-67-7	5-25%	Total Dust: 10 mg/ m ³ OSHA PEL 10 mg/ m ³ ACGIH TLV Respirable Fraction: 5 mg/ m ³ OSHA PEL	Nil
Calcium Carbonate	01317-65-3	1-10%	Total Dust: 15 mg/ m ³ OSHA PEL 10 mg/ m ³ ACGIH TLV Respirable Fraction: 5 mg/ m ³ OSHA PEL	Nil
Kaolin	66402-68-4	1-10%	Total Dust: 10 mg/ m ³ OSHA PEL 10 mg/ m ³ ACGIH TLV Respirable Fraction: 5 mg/ m ³ OSHA PEL	Nil
Silica, Crystalline Quartz (as Quartz) ⁽²⁾	14808-60-7	1-5%	Respirable Dust: 0.1 mg/ m ³ OSHA PEL 0.1 mg/ m ³ ACGIH	Nil
Zinc Oxide ⁽¹⁾	01314-13-2	1-5%	Total Dust: 10 mg/ m ³ OSHA PEL 10 mg/ m ³ ACGIH TLV Respirable Fraction: 5 mg/ m ³ OSHA PEL	

(1) This ingredient(s) is a toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

(2) Crystalline silica has been classified by IARC as a Class I carcinogen. Normal application procedures pose no hazard since the silica is wet and encapsulated, but grinding or sanding dried films of this product may yield respirable silica dusts. Control exposures to less than 0.1 mg/m³ using NIOSH-approved dust filter respirators.

SECTION 3 – PHYSICAL DATA

Boiling Range: 212 °F
Weight Per Gallon: 10 – 11 pounds

Vapor Density: Heavier Than Air
Evaporation Rate: Faster than ether 50-70% volatile (volume)

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flammability Classification: OSHA: None **Flash Point:** None
 DOT: None **LEL:** None

Extinguishing Media: N/A

Unusual Fire And Explosion Data: Closed containers may explode when exposed to extreme heat.

Special Firefighting Procedures: The use of self-contained breathing apparatus is recommended for fire fighters.

SECTION 5 – HEALTH HAZARD DATA

Acute Health Hazards: May cause eye irritation. Direct contact with the liquid or exposure to its' vapors or mists may cause burning, tearing, and redness. May cause skin irritation. Prolonged or repeated exposure to this material may cause redness and burning. Inhalation of large quantities of spray mists may cause irritation of the lungs and or sinus passages. Ingestion of excessive quantities can cause gastrointestinal irritation.

Chronic Health Hazards: Prolonged or repeated overexposure to Ethylene Glycol does cause or is suspected of causing damage or abnormalities to the liver, kidneys, brain and nervous system. Long term overexposure to silica causes silicosis, a form of pulmonary fibrosis. Continue exposure to silica can lead to cardiopulmonary impairment.

Medical Conditions Prone To Aggravation By Exposure: Crystalline silica has been classified as probably carcinogenic for humans (2a) by IARC.

Primary Route(S) Of Entry: Dermal (skin), Inhalation (airway)

SECTION 5 – HEALTH HAZARD DATA (continued)

Emergency And First Aid Procedures: If splashed into eyes, flush eyes with clear water for 15 minutes or until irritation subsides, consult a physician as may be required. In case of skin contact, remove any contaminated clothing, and wash skin with soap and warm water. If inhaled, remove to fresh air. If ingested, do not induce vomiting, call a physician.

SECTION 6 – REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Vinyl acetate monomer, CO₂, and possibly CO.

Conditions To Avoid: Temperatures below 32°F and above 90°F.

Incompatibility (Materials To Avoid): Strong oxidizing agents.

SECTION 7 – SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled: Keep spilled material out of sewers and watercourses by diking or impounding. Keep all unnecessary personnel out of area and provide adequate ventilation. Add absorbent and collect for disposal. Advise authorities if product has entered sewers, watercourses, or extensive land areas in quantities in excess of the "Reportable Quantities."

Waste Disposal Method: Assure conformity with applicable regulations prior to disposal of contaminated material.

SECTION 8 – SAFE HANDLING AND USE INFORMATION

Respiratory Protection: As required if ventilation is inadequate.

Ventilation: As needed to prevent overexposure.

Protective Gloves: Impermeable gloves as needed to avoid repeated or prolonged exposure.

Eye Protection: Safety glasses, splash goggles, or face shield as needed to prevent eye contact.

Other Protective Equipment: As needed to avoid repeated or prolonged exposure.

Hygienic Practices: After contact wash with soap and water prior to eating, drinking, smoking, or using toilet facilities.

SECTION 9 – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing: Keep containers closed when not in use. Do not handle or store near heat, or strong oxidizing agents. Do Not Freeze. Avoid contact with skin and eyes. Remove contaminated clothing and laundry before reuse. Wash skin thoroughly with soap and water after contact.

Other Precautions: Not applicable.

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.