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Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: MP-1 MUFFLER & TAILPIPE PUTTY 4OZ
Item No: 80333
Product Type: Sealant

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
SODIUM SILICATE 1344-09-8	50-60	1153 mg/kg	not available	
INERT FILLERS/WATER (MIXTURE) *	40-50	not available	not available	

III. PHYSICAL DATA

Physical State/Appearance: Grey Viscous liquid
Odour & Odour Threshold: Slight odour
Specific Gravity: 1.59-1.69
Evaporation Rate: <1 (butyl acetate = 1)
Vapour Pressure: 24 mmHg @ 20°C
Vapour Density: 0.6
Freezing Point: Not determined
pH: 11.3
Octanol/Water Coefficient: Not determined
Boiling Point: 100°C (212°F)

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Hazardous Combustion Products: Not applicable.
Sensitivity to Static Discharge: Sensitivity to static discharge is not expected
Conditions of Flammability: None anticipated.
Flash Point/Range: None
Autoignition Temperature: Not determined
Upper Explosive Limit: Not determined
Lower Explosive Limit: Not determined

V. REACTIVITY DATA

Conditions Causing Chemical Instability: None
Materials to avoid: None reasonably foreseeable
Conditions of Reactivity: None.
Hazardous Decomposition Products: None anticipated

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure: Preexisting eye, skin and respiratory disorders
Toxicity Information: (See Effects of Acute Exposure to Product)
Effects of Acute Exposure: Inhaling may cause mild irritation to the nose, throat and respiratory tract. May cause eye and skin irritation. Moderately toxic if swallowed. Irritating to mouth, throat and stomach with nausea.
Effects of Chronic Exposure: Risk of serious damage to eyes.
Irritancy of Product: Contact with eyes causes severe irritation and pain. Contact with skin causes mild irritation and discomfort. Inhalation of mists may cause irritation in the respiratory tract. May cause nausea, vomiting, pain and stomach upset. Can cause wheezing, coughing, shortness of breath and tightness in the chest.
Sensitization to Product: (See Effects of Acute Exposure to Product)
Carcinogenicity: (See Effects of Chronic Exposure to Product)
Reproductive Toxicity: (See Effects of Chronic Exposure to Product)

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VI. HAZARDS IDENTIFICATION

Teratogenicity: (See Effects of Chronic Exposure to Product)
Mutagenicity: (See Effects of Chronic Exposure to Product)
Toxicologically Synergistic Products: None known
WHMIS Hazard Class: D2B TOXIC MATERIALS

VII. PREVENTATIVE MEASURES

Personal Protection

Eyes: Safety glasses.
Skin: Neoprene, rubber or butyl rubber gloves.
Ventilation: Provide adequate ventilation .
Engineering Controls: In case of insufficient ventilation, wear an organic vapor respirator.
Spill Procedures: Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.
Protection of Man and Environment: Follow Canadian and local regulations for disposal.
Handling Procedures and Equipment: Store in a dry area below 35°C.
Special Handling Information: Avoid contact with skin and eyes. Eye wash station should be close by in case of contact with eyes.

VIII. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation: Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.
Skin Contact: Wash off with soap and water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

IX. SHIPPING INFORMATION

Canadian Transportation of Dangerous Goods

Proper Shipping Name: Not regulated
Hazard Class: None
UN/ID No: None

IATA (Air)

Proper Shipping Name: Not regulated
Class or Division: None
UN/ID Number: None

IMDG (Vessel)

Proper Shipping Name: Not regulated
Hazard Class: None
UN Number: None

X. PREPARATION INFORMATION

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 0, PHYSICAL HAZARD 0
HMIS is a registered trademark of the National Paint and Coatings Association

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 0, REACTIVITY 0
(NFPA is a registered trademark of the National Fire Protection Association)

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