



MATERIAL SAFETY DATA SHEET – PUMP FLUSH

SECTION 1 – PRODUCT IDENTIFICATION AND USE

Product Name: Pump Flush
Product ID No.: Not Regulated WHMIS Class: D2B
Product Use: Industrial Solvent
Distributor: Specton Construction Products Ltd.
12 Wallace Street
Acton, ON L7J 2V6

SECTION 2 – HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>%</u>	<u>CAS#</u>
Dimethyl Glutarate	55-65	1119-40-0
Dimethyl Succinate	15-25	106-65-0
Dimethyl Adipate	12-23	627-93-0

SECTION 3 – PHYSICAL DATA

Physical State: Liquid
Odor & Appearance: Clear, colourless, liquid with citrus scent
Odor Threshold: 0.1 ppm
Vapor Pressure: 0.2 mmHg (20°C)
Vapor Density: Not known but heavier than air
Evaporation Rate: Low
Boiling Point: 200°C - 230°C
Freezing Point: -25°C
Specific Gravity: 1.09
Water Solubility: 5.3% (20°C)

SECTION 4 – FIRE AND EXPLOSION DATA

Flammability: No
Means of extinction: Foam, dry chemical, water fog, water spray only to cool, product floats on water – water jet spreads flames
Flashpoint: 108°C open cup
Upper Flammable Limit: 12.5%
Lower Flammable Limit: 1.5%
Autoignition Temperature: 370°C
Hazardous Combustible Products: carbon monoxide, nitrogen oxides, smoke

SECTION 5 – REACTIVITY DATA

Chemical Stability: Yes
Incompatibility:
Reactivity: strong oxidizing agents, strong acids, strong alkalies
Hazardous Decomposition Products: none apart from “Hazardous Combustion Products”

SECTION 6 – TOXICOLOGICAL PROPERTIES

Route of Entry:
Skin Contact: Yes Skin Absorption: Yes
Eye Contact: Yes Inhalation: Yes
Ingestion: Yes
Effects of Acute Exposure:
Skin: skin irritation, discomfort, and rash
Eyes: irritation, redness, discomfort, blurred vision; permanent damage unlikely
Inhalation: irritation, coughing, discomfort
Ingestion: irritating
Effects against Chronic Exposure to Products:
Exposure Limits: prolonged exposure may cause blurred vision
Irritancy of Product: eyes, skin
Sensitization to Product: no
Carcinogenicity: tumorigen in rodents; no known effect in humans
Reproductive Toxicity: effects observed in rodents; none known in humans
Synergistic Products: pre-existing eye disease
Estimated LD50: 8200 mg/kg (oral, rat); over 2250 mg/kg (skin, rabbit)
Estimated LC50: 110 g/m3 (inhalation, rat)

SECTION 7 – PREVENTIVE MEASURES

Personal Protective Equipment:

Use safety goggles.
Use butyl gloves.
Use protective clothing, with long sleeves and long pants.
Maintain eye bath in work area.

Engineering Controls:

Use in mechanically ventilated areas.

Leak and Spill Procedure:

Absorb with conventional absorbents.
Dispose according to local regulations.

Waste Disposal:

Absorb with conventional absorbents.
Dispose according to local regulations.

Handling Procedures and Equipment:

Use with adequate ventilation. Do not cut, drill, weld or grind on or near this container. Avoid prolonged contact with skin and wash work clothes frequently

Storage Requirements:

Store in a cool dry environment, away from sources of ignition, heat and oxidizing agents.

Special Shipping Instructions:

None

SECTION 8 – FIRST AID MEASURES

Skin Contact: Wash with soap and plenty of water. Remove contaminated clothing and do not reuse until thoroughly cleaned or laundered

Eye Contact: Wash eyes with plenty of water, holding eyelids open. Seek medical assistance if there is any irritation

Inhalation: Remove from contaminated area promptly. If breathing stops, administer artificial respiration and seek medical aid promptly.

Ingestion: Give plenty of water to dilute product. Do not induce vomiting. Seek medical help promptly.

SECTION 9 – PREPARATION DATE OF MSDS

Prepared by: Specton Construction Products Ltd.
Phone: (866) 773-2866
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