

SAFETY DATA SHEET

Section 1: Identification

Product Name: Bloomco Dark Matter
Product Code: SP12-50ML
Product Class: Oligomer Coating
Manufacturer/Supplier: Bloomco
5035 North Service Road B-1
Burlington, ON L7L 5V2
800-667-9168
Emergency Telephone: CHEMTREC 800-424-9300

Date Prepared: September 15, 2016
Date of Review/Update:

Section 2: Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard Symbols:



GHS Classification: Combustible Liquid 4, Aspiration Toxicity 1, Eye and Skin Irritant 2b,
Signal Word: Warning

GHS Hazard Statements:

H227 Combustible liquid
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H320 Causes eye irritation

GHS Precautionary Statements:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P331 Do NOT induce vomiting.
P370 + P378 In case of fire: See Section 5 for extinguishing media.
P501 Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national and international regulations.

Signs and Symptoms of Exposure:

Eye: Irritation including tearing or redness.
Skin: Prolonged skin contact may cause irritation including redness, irritation, itching.
Ingestion: Gastrointestinal irritation, nausea, vomiting, and diarrhea, upset stomach.
Inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled..
Medical Conditions Aggravated by Exposure: None known.
HMIS Rating: Health- 1 Fire- 0 Reactivity- 0 Personal Protection- C

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	% Range	Exposure Limits
Methoxy-Methylphenyl Oligomer Coating	Not Available	Proprietary	Not Available
Isoparaffin Hydrocarbon	64742-47-8	30-50	100ppm
Alkoxide Solution (50% Toluene 108-88-3)	Mixture - Not Available	1-5	Not Available.
Carbon Black	1333-86-4	1-5	ACGIH and OSHA TWA: 3.50 mg/m ³

Section 4: First Aid Measures

Eye Contact: Flush with large amounts of water for 15 minutes. If symptoms persist, seek medical attention.
Skin Contact: Wash affected area with water for 15 minutes. Remove contaminated clothing and launder before reuse.
Ingestion: Never give anything by mouth to an unconscious person. If person is conscious then give several glasses of water. Do not induce vomiting. Keep warm and quiet. Seek medical attention.
Inhalation: Remove from exposure. Seek fresh air. Keep warm and quiet. If symptoms persist seek medical attention.

Section 5: Fire-Fighting Measures

Fire and Explosive Properties: Flash Point: 170°F Flammable Limits: LEL: 0.6% UEL: 7.0%
Extinguishing Media: Use DRY chemicals, CO₂, water spray or foam.
Protective Equipment: Self-contained breathing apparatus and protective suit.
Unusual Fire and Explosion Hazard:
Solvent vapors may form explosive mixtures in air. Vapors may travel distances to source of ignition and flash back.

Section 6: Accidental Release Measures

Steps to be taken if Material is Spilled or Leaked:
Shut off all sources of ignition. Wear PPE, contain and collect spillage with absorbent material such as vermiculite or earth, and place for disposal according to local and national, regulations.

Section 7: Handling and Storage

Precautions to be taken in Handling and Storage:
Use only in adequate ventilation, keep away from heat or ignition. Ensure all equipment is electrically grounded. Wear PPE. Do not reuse containers. Store in ambient temperature.

Section 8: Exposure Controls and Personal Protection

Ventilation: Use in well ventilated area. Local exhaust acceptable.
Respirator Protection: None normally required with adequate ventilation. Use a NIOSH approved air-purifying respirator if levels become too high.
Skin Protection: Wear suitable protective clothing, gloves and skin protection.
Eye Protection: Where splashing likely use face shield otherwise use safety glasses with side shields and eye/face protection.

Section 9: Physical and Chemical Properties

Boiling Point:	>212°F	Vapor Pressure (mmHg @ 68°F):	0.06 mmHg
Vapor Density:	5.9	Solubility in Water:	Negligible
Specific Gravity:	0.81 ± 0.05	Melting Point:	Not Applicable
% Volatile:	40-60%	pH:	Not Applicable
Appearance/Odor:	Deep Black, Thin Liquid, Solvent Odor.		

Section 10: Stability and Reactivity

Stability: Stable Materials to Avoid: Oxidizing Agents, water.
Hazardous Polymerization: Will not occur. Conditions to Avoid: Keep away from heat and ignition.
Hazardous Decomposition Products: Hazardous gases and vapors produced in fire are oxides of carbon.

Section 11: Toxicology Information

IARC, NTP, OSHA Carcinogen: Carbon Black 1333-86-4 is IARC Group 2B: *Known Carcinogenic to Animals and Possible Human Carcinogen*

Section 12: Ecological Information

Not Available

Section 13: Disposal Considerations

Waste Disposal: Empty containers may contain hazardous residue. Please observe all cautions. Dispose of in accordance with federal, state and local regulations.

Section 14: Transport Information

D.O.T. REQUIREMENTS (49CFR 172.101): Not regulated when shipped in quantities less than 119 gallons. If shipped in quantities of more than 119 gallons, or if shipped by vessel or aircraft use the following Proper Shipping Description (49CFR 173.120):
UN1993, Flammable Liquid N.O.S., 3, PG III, (Petroleum Distillates)

Section 15: Regulatory Information

RQ (REPORTABLE QUANTITY) 49CFR 172.101:

Component	RQ(lbs)	For this product
RCRA Code U220 Toluene	1000	6,000

TSCA (Toxic Substances Control Act) Status: The intentional ingredients of this product are listed.

CERCLA RQ - 40CFR 302.4:

Component	RQ(lbs)	For this product
RCRA Code U220 Toluene	1000	6,000

SARA 302 COMPONENTS - 40CFR 355 Appendix A:

SECTION 311/312 HAZARD CLASS - 40CFR 370.2

Immediate	(X)	Reactive	(X)
Delayed	(X)	Sudden Release of Pressure	()
Fire	(X)		

SARA 313 COMPONENTS - 40CFR 372.65:

<u>Component</u>	<u>CAS #</u>	<u>% Range</u>
Alkoxide Solution (50% Toluene 108-88-3)	Mixture - Not Available	1-5

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS): Class B, Division 3: Combustible Liquid.

<u>Component</u>	<u>CAS #</u>	<u>% Range</u>	<u>LD50</u>	<u>LC50</u>
Methoxy-Methylphenyl Oligomer Coating	Not Available	Proprietary	Not Available	Not Available
Isoparaffin Hydrocarbon	64742-47-8	30-50	Not Available	Not Available
Alkoxide Solution (50% Toluene 108-88-3)	Mixture - Not Available	1-5	Not Available.	Not Available
Carbon Black	1333-86-4	1-5	Oral Rat - >15400 mg/kg	Not Available

CALIFORNIA PROPOSITION 65: Product contains Toluene (108-88-3), Carbon Black (1333-86-4).

Section 16: Other Information

Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.