

FX MATTE TOPCOAT

(PLUTO, MERCURY, NEPTUNE, JUPITER, VENUS, SATURN)



Safety Data Sheet (SDS)

Section 1: Product Identification

Product Identifier FX Matte Topcoats (Pluto, Mercury, Neptune, Jupiter, Venus, Saturn)	Product Use Professional Use Only
Manufacturer's Name Fuzion Gel Ltd.	Street Address 10536 178 St. NW, Edmonton, AB, Canada
Date SDS Prepared January 2023	Phone Number 1 (844) 748-9324

Section 2: Hazardous Ingredients

Hazardous Ingredient	%	CAS Number	LD ₅₀ of Ingredient
Polyurethane Acrylate Oligomer (Di-Hema Trimethylhexyl Dicarbamate)	50 -60	Exempt	Not Determined
Hydroxypropyl Methacrylate (Hydroxypropyl methacrylate)	15 -20	27813-02-1	Not Determined
2-Hydroxyethyl Methacrylate (HEMA)	5- 20	868-77-9	Not Determined
Hydroxycyclohexyl phenyl ketone (Hydroxycyclohexyl phenyl ketone)	0-1	947-19-3	Not Determined
D&C Violet #2 (Violet 2/CI60725)	0-1	81-48-1	Not Determined

Section 3: Physical Data

Physical State Liquid	Odour & Appearance Light, Transparent	Specific pH N/A
Boiling Point (°C) Greater than 93 degrees Celsius	Freezing Point (°C) N/A	Vapour Density N/A

Section 4: Fire & Explosion Data

Flammability Conditions Store at or below 26°C	Means of Extinguishing Foam, dry chemicals, or CO ₂	Flashpoint (°C) 105 °C
Autoignition Temperature (°C) Not Available	Explosivity - Impact Not Available	Explosivity - Static Discharge Not Available
NFPA		
Health:1 Flammability: 2 Hazard: 1		

Section 5: Reactivity Data

Chemical Stability and Conditions Stable under normal conditions/use/storage	Chemical Incompatibilities Strong acids, strong oxidizing agents, bases
Reactivities and Conditions Avoid heat, flames, sparked, frozen environment	Hazardous Decomposition Products Oxides of carbon, Oxides of nitrogen, Dimethylamine, organic vapours

Section 6: Toxicological Properties

Routes of Entry Eyes, skin, respiratory	
Effects of Acute Exposure to Product Irritation	
Effects of Chronic Exposure to Product No Data	
Exposure Limits No Data	Irritancy Yes
Sensitization No Data	Carcinogenicity No
Reproductive Toxicity No	Teratogenicity No
Mutagenicity No	Synergistic Products No

Section 7: Preventative Measures

Personal Protective Equipment Impermeable gloves & clothing, safety goggles/glasses with side shield
PPE Types See above
Engineering controls Concentrations in air should be maintained below the lower explosive limit at all times. Make-up air should always be supplied to balance air exhausted. Electrical and mechanical equipment should be explosion-proof. Mechanical ventilation is recommended for all indoor situations to control fugitive emissions.
Leak and Spill Controls Prevent from entering soil, ditches, sewers, waterways, and/or groundwater. Contain any spills by diking. Collect in suitable and properly labeled containers using absorbent materials and/or pumps. Apply vapour suppression foam until spill can be cleaned up. Take precautionary measures against static discharge.
Waste Disposal Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with regional regulations.
Handling Procedures Flammable. Do not cut, drill, grind, weld or perform similar operations on or near containers. Vapours may accumulate and travel to distant ignition sources and flashback. Empty containers may contain hazardous product residues. Fixed equipment as well as transfer containers and equipment should be grounded to prevent accumulation of static charge. Hot surfaces may be sufficient to ignite liquid even in the absence of sparks or flames. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapours are gone. Do not pressurize drum containers to empty them. Avoid breathing vapours and prolonged or repeated contact with skin. Launder contaminated clothing prior to reuse. Air-dry contaminated clothing in a well ventilated area before laundering. Electrostatic charges may be generated during pumping. Electrostatic discharge may cause fire. Ensure electrical continuity by bonding and grounding (earthing) all equipment. Restrict line velocity during pumping in order to avoid generation of electrostatic discharge (≤ 1 m/sec until pipe is submerged to twice its diameter, then ≤ 7 m/sec). Avoid splash filling. Do NOT use compressed air for filling, discharging, or handling operations. Extinguish any naked flames.
Storage Requirements Store in a cool, dry, well ventilated area, away from heat and ignition sources. Bulk storage tanks should be diked. Vapours from tanks should not be released to atmosphere. Use explosionproof ventilation to prevent vapour accumulation. Keep away from aerosols, flammables, oxidizing agents and corrosives. For containers or container linings use mild steel or stainless steel
Shipping Considerations None/unrestricted

Section 8: First Aid Measures

Inhalation Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention
Ingestion Do not induce vomiting. Guard against aspiration into lungs by having the individual turn onto their side. Do not give anything by mouth to an unconscious person. If vomiting occurs, keep head below hips to prevent aspiration of liquid into the lungs. Seek immediate medical attention.
Skin Contact In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Get medical attention. Remove contaminated clothing and launder before reuse.
Eye Contact In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and receive immediate medical attention.

Section 9: MSDS Preparation Information

SDS Prepared By Fuzion Gel Ltd.	Street Address 10536 178 St. NW, Edmonton, AB, Canada
Date SDS Prepared January 2023	Phone Number 1 (844) 748-9324

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.