

HEMA Free Fortify: Color Gels



Material Safety Data Sheet (SDS) Section 1: Product Identification

Product Identifier HEMA Free Fortify - Color Gels (All)	Product Use Professional Use Only
Manufacturer's Name Fuzion Gel Ltd.	Street Address 10536 178 St. NW. Edmonton. AB. Canada
Date SDS Prepared May 2023	Phone Number 1 (844) 748-9324

Section 2: Hazardous Ingredients

Hazardous Ingredient	%	CAS Number	LD50 of Ingredient
2 Hydroxypropyl methacrylate	19.950	27813-02-01	Not Available
Diphenyl(2,4,6	4.520	75980 60 8	Not Available
Acrylates Copolymer	64.380	25133 97 5	Not Available
Silica dimethyl silyate	2.170	68611 44 9	Not Available
May Include 1 of more of the following:			
Acid Yellow 2(CI 18965)	0 8.82	6359 98 4	Not Available
Acid Orange 7 (CI 15510)	0 8.82	633 96 5	Not Available
Pigment Red 181 (CI 73360)	0 8.82	2379 74 0	Not Available
Pigment Violet 19 (CI 73900)	0 8.82	1047 16 1	Not Available
Pigment Violet 23 (CI 73385)	0 8.82	6358 30 1	Not Available
Pigment Blue 15 (CI 74160)	0 8.82	147 14 8	Not Available
Pigment Green 7 (CI 74260)	0 8.82	1328 53 6	Not Available

Hazardous Ingredient	%	CAS Number	LD50 of Ingredient
Pigment Red 122 (CI 73915)	0.8.82	980 26 7	Not Available
Pigment Blue 29 (CI 77007)	0.8.82	57455 37 5	Not Available
Pigment Yellow 42 (CI 77492)	0.8.82	51274 00 1	Not Available
Acid Red 98 (CI 45405)	0.8.82	6441 77 6	Not Available
Green 7 (CI 59040)	0.8.82	6358 69 6	Not Available
Acid Yellow 73 (CI 45350)	0.8.82	2321-07-05	Not Available

Section 3: Physical Data

Physical State Liquid	Odour & Appearance Light	Specific pH 6.5 - 7.0
Boiling Point (°C) Not Available	Freezing Point (°C) Not Available	Vapour Density No Data

Section 4: Fire & Explosion Data

Flammability Conditions Avoid heat, flames, sparks, store below 26°C 80°F	Means of Extinguishing Foam, dry chemical ,carbon dioxide or dust	Flashpoint (°C) N/A
Autoignition Temperature (°C) Not Available	Explosivity - Impact None	Explosivity - Static Discharge None
NFPA Health: 1, Flammability: 2, Physical Hazard: 1		

Section 5: Reactivity Data

Chemical Stability and Conditions Stable under normal storage & usage	Chemical Incompatibilities Strong acids. Strong oxidizing agents. Bases.
Reactivities and Conditions Exposure to extreme temperatures	Hazardous Decomposition Products Oxides of carbon. Irritating organic vapors.

Section 6: Toxicological Properties

Routes of Entry	
Skin absorption, inhalation, ingestion	
Effects of Acute Exposure to Product	
Not Available	
Effects of Chronic Exposure to Product	
Not Available	
Exposure Limits	Irritancy
Not available	Not Available
Sensitization	Carcinogenicity
No	No
Reproductive Toxicity	Teratogenicity
No	No
Mutagenicity	Synergistic Products
No	No

Section 7: Preventative Measures

Personal Protective Equipment
Yes
PPE Types
Wear protective eyewear, clothing and gloves
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. Airdry 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

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 May 2023	Phone Number 1 (844) 748-9324

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