



Material Safety Data sheet

Mitty Coloured Builder Gel

Section 1. Identification

Product name: Mitty Coloured Builder Gel
Contact Information: info@mitty.com.au
Address: 5/62 Fallon Street Brunswick, Vic 3056

Section 2. Composition/Information on ingredients

Chemical Identify	Concentration WT%
Acrylates Copolymer	57.40
Glycol Methacrylate	23.88
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	6.12
Silica dimethyl silyate	1.92
Mica	0-3.12
May include one or more of the following:	
CI 77981	0-7.56
CI 18965	0-7.56
CI 73385	0-7.56
CI 77492	0-7.56
CI 77266	0-7.56
CI 73360	0-7.56
CI 45405	0-7.56
CI 73360	0-7.56
CI 15510	0-7.56

Section 3. Hazards Identification

Physical state: liquid

Color: N/A

Odor: Light

Personal Protection: See section 8

Warning: Harmful if swallowed, absorbed through skin or inhaled.

Do not spray. Do not Heat.

May cause allergic skin reaction. Causes eye, skin and respiratory tract irritation

Relevant routes of exposure: Skin, Inhalation, eyes

Potential health effects

Skin contact: Contact skin may cause irritation.

Eye contact: Contact with eyes may cause irritation.

Health:1*

Flammability:2

Physical hazard:1



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Section 4. First aid measures

Inhalation: Get fresh air. If symptoms develop, get medical attention.

Skin contact: Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. Wash clothing before reuse. Get immediate medical attention if symptoms occur.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Ingestion: Keep individual calm. Get medical attention immediately.

Section 5. Fire-fighting measures

Flash point : N.A

Autoignition temperature: N.A

Flammable/Explosive limits-lower: N.A

Flammable/Explosive limits-upper: N.A

Extinguishing media: Foam, dry chemical ,carbon dioxide or dust

Special fire-fighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear

Unusual fire or explosion hazards: Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers

Hazardous combustion products: Oxides of carbon. Irritating organic vapors. Toxic fumes.

Section 6. Accidental release measures

Environmental precautions: Remove sources of ignition. Prevent product from entering drains or open waters.

Clean-up methods: Refer to section 8 “Exposure controls/personal protection” prior to clean up. Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

Section 7. Handling and storage

Handling: Prevent contact with eyes, skin, and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not heat and spray. Use only with adequate ventilation. Refer to section 8. Use only in area provided with appropriate exhaust ventilation.

Storage: For safe storage, store at or below 26°C (80°F) .Keep in a cool, well ventilated



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area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

Incompatible products: Refer to section 10

Section 8.Exposure controls/personal protection

Engineering controls: Local exhaust ventilation is recommended when general ventilation is not Sufficient to control airborne contamination below occupational exposure limits.

Respiratory protection: Use COSHA approved respirator if there is potential to exceed exposure limit(s). If this material is handled at elevated temperatures or under mist forming conditions, without engineering controls, a COSHA approved respirator must be used.

Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves

Eye/face protection: Safety goggles or safety glasses with side shields. In a splash hazard environment, chemical goggles should be used in combination with a full face shield.

Section 9.Physical and chemical properties

Physical state: Liquid	Color: N/A
Odor: light	Vapor pressure: -
pH: 6.7-7.2	Boiling point/range: -
Melting point/range: -	Specific gravity: 1.12
density:-	Evaporation rate: N.A
Solubility in water: Insoluble	Partition coefficient (n-octanol/water): N.A
VOC content: N.A	

Section 10.Stability and reactivity

Stability: Stable under normal conditions of storage and use

Hazardous polymerization: N.A

Hazardous decomposition products: Oxides of carbon. Irritating organic vapors.

Incompatibility: Strong acids. Strong oxidizing agents. Bases.

Conditions to avoid: Heat, flames, sparks and other sources of ignition. Do not heat above 80°C.

Section 11.Toxicological information



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Carcinogen status

Hazardous components	NTP Carcinogen	IARC carcinogen	COSHA carcinogen
Acrylates Copolymer	NO	NO	NO
Glycol Methacrylate	NO	NO	NO
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	NO	NO	NO
Silica dimethyl silyate	NO	NO	NO
Mica	NO	NO	NO
CI 77981	NO	NO	NO
CI 18965	NO	NO	NO
CI 73385	NO	NO	NO
CI 77492	NO	NO	NO
CI 77266	NO	NO	NO
CI 73360	NO	NO	NO
CI 45405	NO	NO	NO
CI 73360	NO	NO	NO
CI 15510	NO	NO	NO

Literature Referenced Target Organs& Other Health Effects

Hazardous components	Health Effects/ Target Organs
Acrylates Copolymer	No Records
Glycol Methacrylate	No Records
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	No Records
Silica dimethyl silyate	No Records
Mica	No Records
CI 77981	No Records
CI 18965	No Records
CI 73385	No Records
CI 77492	No Records
CI 77266	No Records
CI 73360	No Records
CI 45405	No Records
CI 73360	No Records
CI 15510	No Records



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Section 12. Ecological information

Ecological information: Not available

Section 13. Disposal considerations

Information provided is for unused product only. Recommended method of disposal:

Dispose of according to P.R.C, province and local governmental regulations

ECE hazardous waste number: Not a RCRA hazardous waste

Section 14. Transport information

The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging:

Proper shipping name: Unrestricted

Hazard class or division: None

Identification number: None

Packing group: None

International Air Transportation(ICAO/IATA):

Proper shipping name: Unrestricted

Hazard class or division: None

Identification number: None

Packing group: None

Water Transportation(IMO/MDG):

Proper shipping name: Unrestricted

Hazard class or division: None

Identification number: None

Packing group: None

Marine pollutant: None

Section 15. Regulatory information

P.R.C Regulatory information

All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

Section 16. Other information

Disclaimer: The data contained herein are furnished for information only and are believed to be reliable. However, Mitty does not assume responsibility for any results obtained by persons over whose methods Mitty has no control. It is the user's



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