

SAFETY DATA SHEET

MultiMatch™ Universal Chameleon Restorative Composite

1. Chemical product and company identification

1.1. Product Name: MultiMatch™ Universal Chameleon Restorative Composite

1.2. Manufacturer:

Premier Dental Products Company

1710 Romano Drive

Plymouth Meeting, PA 19462

Phone: 610-239-6000 Fax: 610-239-6171

Emergency Phone: 610-239-6000

1.3. Supplier product codes

SKU	Contents
3005200	One 4gm Syringe Light Shade
3005201	One 4gm Syringe Medium Shade
3005202	One 4gm Syringe Dark Shade
3005210	20 pack of Unit Dose 0.25g Capsule for Light Shade
3005211	20 Pack of Unit Dose 0.25g Capsule for Medium Shade
3005212	10 Pack of Unit Dose 0.25g Capsule for Dark Shade

1.4. Intended Use:

Premier MultiMatch™ Universal Chameleon Restorative Composite is a nano-hybrid dental restorative intended for direct placement in all cavity classes in anterior and posterior teeth. Additional indications include, repair of enamel defects, repair of provisionals, repair of porcelain restorations, minor occlusal build-ups, core build-ups, and incisal abrasions

1.5. Contraindications:

Do not use MultiMatch Composite on patients with known allergies to the materials of this product. Ensure that all existing restorative materials are removed from the operative site if replacing a restoration.

2. Hazards Identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin Irritation	Category 2 – (H315)
Skin Sensitization	Category 1B – (H317)
Causes serious eye damage	Category 1 – (H318)
Serious eye irritation	Category 2 - (H319)
Chronic aquatic toxicity	Category 2 - (H411)

2.2. Label elements

Contains: (1-methylethylidene)bis[4,1-phenyleneoxy(2-hydroxy-3,1-

propanediyl)]bismethacrylate

Contains: Tricyclodecane dimethanol diacrylate



2.3. Signal word

Warning

2.4. Hazard statements

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage

H319 - Causes serious eye irritation.

H411 - Toxic to aquatic life with long lasting effects.

2.5. Precautionary Statement – EU (§28, 1272/2008)

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 : Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection. P302 + P251 – If in skin: wash with plenty of soap and water.

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention. P337 + P313 - If eye irritation persists: Get medical advice/attention.

P362 + P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

2.6. Other hazards

No information available.

3. Composition / Information on Ingredients

Hazardous Ingredients	EC No.	CAS No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]
(1-methylethylidene)bis [4,1-phenyleneoxy(2- hydroxy-3,1- propanediyl)]bismethacrylate	1565-94-2	216-367-7	Skin Irrit. 2 (H315) Skin Sens..1B (H317) Eye Dam. 1 (H318)
Triethyleneglycoldimethacrylate	-	109-16-0	Skin Sens. 1B (H317)
Photoinitiators	282-810-6	84434-11-7	Skin Sens. 1B (H317) Aquatic Chronic 2 (H411)

✓ Additional information: For the wording of the listed risk phrases refer to section 16.

4. First Aid Measures

4.1. Description of first aid measures

General advice: Show this safety data sheet to the doctor in attendance.

In case of inhalation: If irritation occurs, take victim to open air. If breathing difficulty persists, consult a physician

In case of skin contact: Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor. Avoid contact with UV and sunlight. **In case of eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

In case of ingestion: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.

Self-protection of the first aider: Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

4.2. Most important symptoms and effects, both

acute and delayed Symptoms: Itching. Rashes.

Hives. Burning sensation.

4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors: May cause sensitisation in susceptible persons. Treat symptomatically.

5. Fire-Fighting Measures

5.1. Flash Point: N/E

5.2. Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2.1. **Small Fire:** Carbon dioxide, water spray, dry chemical

5.2.2. **Large Fire:** Alcohol resistant foam. Water spray.

5.3. Unsuitable extinguishing media: Full water jet.

5.4. Unusual Fire and Explosion Hazards: None

6. Accidental Release Measures

6.1. Environmental Precautions: Avoid seepage into sewers and water supplies.

6.2. Clean-Up Procedure: Contain spill and pick up material with a suitable absorbent material.

Place absorbent into a container for later disposal. Clean spill area with detergent and water.

7. Handling and Storage

7.1. Handling: Ensure good ventilation of the workstation. Do not breathe vapours. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Heating will cause a rise in pressure with a risk of bursting

7.2. Storage: Store in original container. Store in dry, cool, well-ventilated area. Store away from direct sunlight or other heat sources. Protect from light. Keep container tightly closed and away from heat, sparks and flame. Storage temperature – 16-32°C.

8. Exposure Controls / Personal Protection

8.1. Exposure Controls: Use only in well-ventilated areas.

8.2. Respiratory Protection: Avoid inhalation of vapors. No special protection under normal use.

8.3. Hand and Skin Protection: Avoid unnecessary skin contact. Wear latex gloves when handling.

8.4. Eye Protection: Wear safety goggles or safety glasses with side shields when handling.

8.5. Hygiene Measures: Remove spilled material from skin and clothing. Do not eat or drink when handling this material.

9. Physical and Chemical Properties

9.1 Appearance: Very viscos wax like.

9.2 Odor: N/A

9.3 Boiling Point/Range:

N/A 9.4.

9.4 Evaporation Rate (Water = 1): N/A

9.5 Vapor Density (Air = 1): N/A

9.6 Solubility in Water: Insoluble

10. Stability and Reactivity

10.1. Stability: This material is stable under normal conditions, storage and transport.

10.2. Hazardous Reactions: None if handled according to directions

10.3. Hazardous Polymerization: May occur.

10.4. Conditions to Avoid: Heat, UV light and contamination.

10.5. Incompatibility: Avoid contact with radical forming initiators, peroxides, strong alkalis or reactive metals to prevent exothermic polymerization.

10.6. Hazardous Decomposition Products: Carbon dioxide, water, carbon monoxide, acrylic decomposition products, depending on conditions of heating and burning.

11. Toxicological Information

11.1. Acute oral toxicity: LD50 (rat) > 10,000 mg/KG

11.2. Irritation of Skin: dryness and irritation possible upon prolonged exposure

11.3. Allergic Effects: Methacrylate sensitive individuals may exhibit an allergic reaction.

12. Ecological Information

Do not discharge into sewers or water supplies

12.1. Environmental persistence and degradability: no data available

12.2. Ecotoxicity: no data available

13. Disposal Considerations:

May be disposed of in landfill or incinerator in accordance with local, state and federal regulations. Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. If no other disposal options are available, waste product that has been completely cured or polymerized may be placed in a landfill properly designed for industrial waste. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations.

14. Transportation information

UN-Number:	None
DOT, ADR/ADN, ADN, IMDG, IATA	Non-Regulated Material
UN proper shipping name:	None
DOT, ADR/ADN, ADN, IMDG, IATA	Non-Regulated Material
Transport hazard class(es):	None
DOT, ADR/ADN, ADN, IMDG, IATA	
Class:	Non-Regulated Material
Packing group:	None
DOT, ADR/ADN, IMDG, IATA	Non-Regulated Material
Environmental hazards:	Not applicable.
Special precautions for user:	Not applicable.
Transport in bulk according to Annex II of	

MARPOL73/78 and the IBC Code: Not applicable.
UN "Model Regulation": Non-Regulated Material
Other: Not considered hazardous cargo

15. Regulatory Information:

This product requires classification according to the criteria of EC.

The product is a medical device according to the EC-directive 93/42/EEC and MDR 2017/745.

15.1 UN Number

15.2 National regulations

15.3 EU number

15.4 Safety phrases

S: 2, 9, 16, 23, 26, 28, 24/25, 37/39

2 Keep out of the reach of children.

9 Keep container in a well-ventilated place.

16 Keep away from sources of ignition - No smoking. 23 Do not breathe vapor.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

28 After contact with skin, wash immediately with plenty of water and soap.

24/25 Avoid contact with skin and eyes.

37/39 Wear suitable gloves and eye/face protection.

U.S.-O.S.H.A. Status: This material is not hazardous under the criteria of the U.S. Federal Hazard Communication Standard.

16. Other Information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall establish a legally valid contractual relationship.

16.1. Relevant R-phrases

36/37/38 Irritating to eyes, respiratory system, and skin. 43 May cause sensitization by skin contact.

Xi Irritant.

Material should be maintained in original containers. Empty containers should not be re-used.

16.2. ANSI/NFPA 704 Data:

Fire = 1

Health = 0

Reactivity = 0

Specific Hazard = None

16.3. Premier revision date: 19 October 2022

16.4. Revision number: 0

Supplier: Form 70010/B-MSDS, Rev.0

The information contained herein is based on our present knowledge. However, this information shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Premier Dental Products Company makes no warranties, express or implied with respect to, and assumes no responsibility or liability for, the accuracy or completeness of the information contained herein. Premier Dental Products Company urges persons receiving this information to make their own determination as to the information suitability for their particular application.

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