

MATERIAL SAFETY DATA SHEET

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1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier: **BRILLBIRD 3D COLOR POWDER**

1.2. Relevant identified uses of the mixture and uses advised against:
cosmetic product, nail polymer

1.3. Details of the supplier of the safety data sheet:

BRILLBIRD Europe Ltd.
1135 Budapest, Jasz st. 15/a. Hungary
tel.: 003630/506-8820
e-mail: office@brillbird.eu

1.4. Emergency telephone number:

BRILLBIRD Europe Ltd., office@brillbird.eu, tel.: 003630/506-8820 (office hours)
International Emergency Phone Numbers: 1-352-323-3500 (call around the clock)
Toxicological Information Service Hungary: 003680/201199 (call around the clock)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

The mixture is classified as dangerous: irritative.

The mixture's hazards on the man: irritating to eyes, respiratory system and skin.

The mixture's hazards on the environment: -

2.2. Label elements:

R 36/37/38 Irritating to eyes, respiratory system and skin.



Xi-irritative

S 18 Handle and open container with care.

S 22 Do not breathe dust.

S 24/25 Avoid any inhalation, contact with skin and eyes. Wear suitable protective clothing and gloves.

2.3. Other hazards: -

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS no.	EU no.	INCI name:	Classified:	R-phrase:	%
polyethyl methacrylate	9003-42-3	-	polyethyl methacrylate	-	-	65-99
polymethyl methacrylate	9011-14-7	-	polymethyl methacrylate	Xi	R:36/37/38	0-35
Titanium dioxide	13463-67-7	236-675-5	CI77891	-	-	0-1
benzoyl peroxide	94-36-0	202-327-6	benzoyl peroxide	E, Xi	R:2-36-43	0-0,1

May contain the following chemicals:

Chemical name	CAS no.	EU no.	INCI name:	Classified:	R-phrase:	%
FD&C Blue #1	3844-45-9	223-339-8	CI42090	-	-	0-1
Yellow No.4	1934-21-0	217-699-5	CI19140	-	-	0-1
D&C Red #7	5281-04-9	226-109-5	CI15850	-	-	0-1
D&C Red #30	2379-74-0	219-163-6	CI73360	-	-	0-1
D&C Orange #5	596-03-2	209-876-0	CI45370	-	-	0-1
D&C Violet #2	81-48-1	201-353-5	CI60725	-	-	0-1
Iron Oxide Black	1317-61-9	215-277-5	CI77489	-	-	0-1
Red Iron Oxide	1382-37-2	215-570-8	CI77491	-	-	0-1

Yellow Iron Oxide	51274-00-1	-	CI77492	-	-	0-1
Mica	12001-26-2	-	Mica	-	-	0-1

4. FIRST AID MEASURES

General:

The injured person is removed from the endangered environment. The contaminated, soaked clothing should be removed immediately. Unconscious, injured or spastic condition Never give anything by mouth.

Inhalation:

The affected person to fresh air and keep at rest in. Medical care in case of complaint to be considered.

Skin contact:

Contaminated clothing should be removed. Rinse with water, then soap and water to the skin. In case of complaint, seek medical advice.

Eye contact:

Eye contact, immediately rinse with plenty of water for at least 15 minutes while pulling the eyelids apart with your fingers. In case of complaint, seek medical advice.

Ingestion:

One or two glasses of water to drink. Do NOT induce vomiting! Medical care must be used!

5. FIREFIGHTING MEASURES

5.1. Extinguishing media: water, carbon dioxide, dry chemical.

Avoid extinguishing methods that generate dust clouds. Water streams can disperse dust into air, producing a fire hazard and possible explosion hazard.

5.2. Special hazards arising from the substance or mixture: polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust.

5.3. Advice for fire fighters: full protective equipment, including self contained breathing apparatus is recommended.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions: Unauthorized persons must be removed from the site. The skin, eyes and clothing, the drug inhalation, and ingestion should be avoided. See protective measures 7 and 8 points as well.

6.2. Environmental precautions: Spillage should be ensured that the product is not exposed to sewage, rivers, watercourses, groundwater and soil. Larger spill, the responsible authorities must be informed.

6.3. Methods and material for containment and cleaning up: Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills.

7. HANDLING AND STORAGE

7.1. Handling: Observe precautions found on the label. Wash face and hands thoroughly with soap and water after handling and before eating, drinking or smoking. Avoid prolonged or repeated contact with skin. Avoid contamination. Use only with adequate ventilation.

7.2. Storage: Store in cool, dry place away from heat, sparks, flame and direct sunlight. Close container after each use. Ground all metal containers when transferring. Use explosion-proof equipment Store away from combustibles and incompatible materials.

7.3. Specific end use(s): Polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Good general ventilation should be sufficient to control airborne levels in small quantity use. Local exhaust is recommended for bulk repackaging or continuous large quantity use.

Occupational exposure controls:

The proper care is needed when working in preparation for clothing, eye, or. avoid skin contact. Normal conditions of use and use with adequate ventilation. During breaks and after work wash your hands.

Personal protective equipment (PPE):

Respiratory protection: usually not necessary. However, inhalation of dusts and fumes should be avoided.

Hand protection: appropriate chemically resistant gloves (EN 374) is prolonged, direct contact, which corresponds to >480 minutes of penetration of, for example. nitrile rubber (0.4 mm), CR (0.5 mm). Wash when contaminated. If the punctured gloves inside, stained, respectively. the dirt can be removed, the glove should be treated as hazardous waste.

Eye protection: safety glasses with side shields (EN 166).

Skin Protection: wear appropriate protective clothing (EN 463).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Appearance:	fine, white powder
Odour:	faint odor in bulk
pH:	no data available
Boiling point:	no data available
Flash point:	304 °C
Explosive properties	no data available
Oxidising properties:	no data available
Vapour pressure:	no data available
Relative density:	no data available
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	no data available
Viscosity:	no data available
Vapour density:	no data available
Evaporation rate:	no data available

9.2. Other information: -

10. STABILITY AND REACTIVITY

10.1. Reactivity: stable during normal use.

10.2. Chemical stability: stable during normal use.

10.3. Conditions to avoid: heat, flame, 240 ° C degrees above the temperature.

10.4. Incompatible materials: strong oxidizing agents.

10.6. Hazardous decomposition products: methacrylate monomers.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

Acute oral toxicity:	Oral (Rat) LD50: 7990 mg/kg
Acute dermal toxicity:	Dermal (Rabbit) LD50: 35,500 mg/kg
Acute inhalation toxicity:	Inhalation (Rat) >12,500 - 16,500 ppm for 0.5 hours
Skin irritation:	slight
Eye irritation:	slight

Sub-chronic toxicity:	no data available
Sensitization:	no data available
Mutagenicity:	no data available
Reproductive toxicity:	no data available
Carcinogenicity:	no data available

For decomposition product: methyl methacrylate monomer; liquid or high vapor concentration can irritate eyes, respiratory system and cause skin rashes. Prolonged exposure can lead to headaches, nausea, staggering gait, confusion, drowsiness and unconsciousness. Repeated and prolonged over exposure may cause permanent brain and nervous system damage, allergic skin rashes, eye corrosion and permanent injury, as well as changes in liver and kidney function or damage. For Benzoyl Peroxide: repeated or prolonged contact may cause skin sensitization.

12. ECOLOGICAL INFORMATION

12.1. Toxicity:

Acute toxicity to fish:	no data available
Acute toxicity to invertebrates:	no data available
Acute toxicity to algae:	no data available

12.2. Persistence and degradability: no data available.

12.3. Bioaccumulative potential: no data available.

12.4. Mobility in soil: no data available.

12.5. Results of PBT and vPvB assessment: no data available.

12.6 Other adverse effects: no data available.

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated. Do not allow to enter drinking water supplies, wastewater, or soil.

13. DISPOSAL CONSIDERATIONS

May be disposed of in a landfill or incinerated. Please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

14. TRANSPORT INFORMATION

UN number: -
 UN proper shipping name: -
 Transport hazard class: -
 Packing group: -
 Environmental hazards: -

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH),
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance),
- COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.2. Chemical safety assessment: -

16. Other information

List of relevant R phrases:

R 2	Risk of explosion by shock, friction, fire or other sources of ignition
R 36	Irritating to eyes
R 36/37/38	Irritating to eyes, respiratory system and skin.
R 43	May cause sensitisation by skin contact

The manufacturer's recommended restrictions on use:

The product is for professional use. The proper use of a product, please read the detailed preparation guide.

This form of the manufacturer's 2004. 10. 28. provided on the original safety data sheets using the current 1907/2006 prepared in accordance with regulations.

The safety data sheet for the product usage instructions are not substitutes for certification (quality certification), can not be used to verify compliance.