

SAFETY DATA SHEET

Preparation date: 03.05.2017.

Revision date: -

Ver: 1.0

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

1.1. Product identifier: **Brill Bird Hard Gel**

1.2. Relevant identified uses of the mixture and uses advised against:

Builder gel for artificial nails for cosmetic use.

For professional use only.

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

Brillbird Europe Ltd.
 1066 Budapest, O utca 46.
 tel.: 06-30/506-8820
 e-mail: brbirdeurope@gmail.com

1.4. Emergency telephone number:

Country	Name	Phone No.	Availability
Hungary	Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ)	+36 80201199	call around the clock
Austria	Vergiftungsinformationszentrale	+43 14064343	call around the clock
Belgium	Antigifzentrum	+32 070245245	call around the clock
Czech Republic	Toxikologického informačního střediska	+420 224919293	call around the clock
Denmark	Giftlinjen	+45 82121212	call around the clock
France	Centre Antipoison et de Toxicovigilance	+ 33 0140054848	call around the clock
Germany	Giftnotruf Berlin Institut für Toxikologie	+49 3019240	call around the clock
Ireland	National Poisons Information Centre	+353 018092566	call around the clock
Italy	S.C. Centro Antiveneni di Milano (CAV)	+39 0266101029	call around the clock
Spain	Instituto Nacional de Toxicología y Ciencias Forenses	+34 915620420	call around the clock
The Netherlands	Vergiftigingen	+31 0302748888	call around the clock

SAFETY DATA SHEET

Preparation date: 03.05.2017.

Revision date: -

Ver: 1.0

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Skin Irrit. 2 **H315**

Skin Sens. 1 **H317**

Eye Irrit. 2 **H319**

Aquatic Chronic 3 **H412**

2.2. Labelling elements:



GHS07

Signal words: Warning!

Hazard statements

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention

P280: Wear protective gloves / protective clothing / eye protection / face protection.

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

P273: Avoid release to the environment.

Response

If on skin

P302 + P352: Wash with plenty of soap and water.

If in eyes

P305 + P351 + P338: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage

Not applicable.

SAFETY DATA SHEET

Preparation date: 03.05.2017.

Revision date: -

Ver: 1.0

Dispose P501: Dispose of contents and container in accordance with all local, regional, national and international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product is considered dangerous and contains the following hazardous substances

Chemical name	CAS No.	EU No.	INCI name	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Hazard statements	m %
Polyurethane Acrylate Oligomer	-	-	Di-HEMA Trimethylhexyl Dicarbamate	Skin Irrit. 2 Skin Sens. 1 Eye Irrit. 2	H315 H317 H319	50-75
Trimethylolpropane Trimethacrylate	3290-92-4	221-950-4	Trimethylolpropane Trimethacrylate	Skin Irrit. 2 Skin Sens. 1 Eye Irrit. 2	H315 H317 H319	10-25
Isobornyl methacrylate	7534-94-3	231-403-1	Isobornyl Methacrylate	Skin Irrit. 2 Eye Irrit. 2 STOT SE 3 Aquatic Chronic 2	H315 H319 H335 H411	5-10
Diphenyl(2,4,6-trimethylbenzoyl) phosphine oxide	75980-60-8	278-355-8	Trimethylbenzoyl Diphenylphosphine Oxide (TPO)	Repr. 2	H361f	0.1-1
2-Hydroxy-2-Methylpropionone	7473-98-5	231-272-0	Benzoyl Isopropanol	Acute Tox. 4	H302	0.1-1

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

SAFETY DATA SHEET

Preparation date: 03.05.2017.

Revision date: -

Ver: 1.0

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

4. FIRST AID MEASURE

4.1. Description of first aid measures

If inhaled	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
In case of skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
In case of eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
If swallowed	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs,

SAFETY DATA SHEET

Preparation date: 03.05.2017.

Revision date: -

Ver: 1.0

the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Protection of first-aiders

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2. Most important symptoms and effects associated with exposure

Potential acute health effect

If inhaled	No known significant effects or critical hazards.
In case of skin contact	Causes skin irritation. May cause an allergic skin reaction.
In case of eye contact	Irritating to eyes.
If swallowed	Irritating to mouth, throat and stomach.

Over-exposure signs/symptoms

If inhaled	No specific data.
In case of skin contact	Adverse symptoms may include the following: irritation, redness.
In case of eye contact	Adverse symptoms may include the following: irritation, watering, redness.
If swallowed	No specific data.

4.3. Indication of immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatment	No specific treatment.

SAFETY DATA SHEET

Preparation date: 03.05.2017.

Revision date: -

Ver: 1.0

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Recommended Use an extinguishing agent suitable for the surrounding fire.
To avoid Not known.

5.2. Specific hazards during fire fighting

Hazards from the substance or mixture In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products Decomposition products may include the following materials: carbon dioxide, carbon monoxide.

5.3. Advice for firefighters

Special protective actions for fire-fighters Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SAFETY DATA SHEET

Preparation date: 03.05.2017.

Revision date: -

Ver: 1.0

6. ACCIDENTAL RELEASE MEASURE

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency
personnel

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also Section 8 for additional information on hygiene measures.

6.2. Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). The product is harmful to aquatic life with long lasting effects.

6.3. Methods and materials for containment and cleaning up

Small spill

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible,

SAFETY DATA SHEET

Preparation date: 03.05.2017.

Revision date: -

Ver: 1.0

absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

6.4. Reference to other sections

See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Protective measures

Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2. Conditions for safe storage

Requirements for storage areas and containers

Shield UV light sources. Do not store above the following temperature: 38°C (100.4°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use.

SAFETY DATA SHEET

Preparation date: 03.05.2017.

Revision date: -

Ver: 1.0

Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3. Specific end uses

Recommendations Not available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Occupational exposure limits

No exposure limit value known.

8.2. Exposure controls

Engineering controls Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection
measures

Hygiene measures Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing.

Respiratory protection Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Eye/face protection Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn,

SAFETY DATA SHEET

Preparation date: 03.05.2017.

Revision date: -

Ver: 1.0

	unless the assessment indicates a higher degree of protection: chemical splash goggles.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Skin and body protection	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Clear, light pink.
Odour	Slight acrylate odour.
Melting / freezing point	No data available.
Boiling point	No data available.
Flash point	Closed cup > 90 °C.
Vapour pressure	No data available.
Vapour density	No data available.
Relative density	No data available.

SAFETY DATA SHEET

Preparation date: 03.05.2017.

Revision date: -

Ver: 1.0

Solubility Insoluble in the following materials: cold water and hot water.
Auto ignition temperature No data available.
Decomposition temperature No data available.
Viscosity No data available.

9.2. Other information No data available.

10. STABILITY AND REACTIVITY

10.1. Reactivity No specific test data related to reactivity available for this product or its ingredients.

10.2. Chemical stability The product is stable.

10.3. Possibility of hazardous reactions No specific data.

10.4. Conditions to avoid No specific data.

10.5. Incompatible materials No specific data.

10.6. Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Irritation / Corrosion

Ingredient name	Result	Species	Exposure	Observation
Trimethylolpropane Trimethacrylate ester	Skin-Mild irritant	Rabbit	500 mg	-

SAFETY DATA SHEET

Preparation date: 03.05.2017.

Revision date: -

Ver: 1.0

11.2. Most important symptoms and effects associated with exposure

Potential acute health effect

If inhaled No known significant effects or critical hazards.
In case of skin contact Causes skin irritation. May cause an allergic skin reaction.
In case of eye contact Irritating to eyes.
If swallowed Irritating to mouth, throat and stomach.

Over-exposure signs/symptoms

If inhaled No specific data.
In case of skin contact Adverse symptoms may include the following: irritation, redness.
In case of eye contact Adverse symptoms may include the following: irritation, watering, redness.
If swallowed No specific data.

11.3. Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure No information available.
Long term exposure No information available.

11.4. Potential chronic health effects Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ingredient name	Result	Species	Exposure
Isobornyl Methacrylate	1,79 mg/l LC50	Fish	96 hours

12.2. Persistence and degradability No information available.

SAFETY DATA SHEET

Preparation date: 03.05.2017.

Revision date: -

Ver: 1.0

12.3. Bioaccumulative potential

Ingredient name	LogPow	BCF	Potential
Isobornyl Methacrylate	5.09	-	high
Trimethylolpropane Trimethacrylate ester	2.749	366	low
Trimethylbenzoyl Diphenylphosphine Oxide (TPO)	-	53-72	low

12.4. Mobility in soil

Soil / water partition coefficient (Koc) Not available.

Mobility Not available.

12.5. Results of PBT and vPvB assessment

PBT Not applicable.

vPvB Not applicable.

12.6 Other adverse effects: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product

Methods of disposal The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

SAFETY DATA SHEET

Preparation date: 03.05.2017.

Revision date: -

Ver: 1.0

Hazardous waste The classification of the product may meet the criteria for a hazardous waste.

Packaging

Methods of disposal The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. TRANSPORT INFORMATION

This product is NOT classified as dangerous goods

14.1. UN No. -

14.2. Proper shipping name -

14.3. Transport hazard class -

14.4. Packing group -

14.5. Environmental hazards None.

14.6. Special precautions Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7. Transport in bulk according to Annex II of Not available.



SAFETY DATA SHEET

Preparation date: 03.05.2017.

Revision date: -

Ver: 1.0

Marpol and the IBC Code

15. REGULATORY INFORMATION

15.1 Other regulation 1223/2009/EEC: Regulation on cosmetic products

15.2 Chemical Safety Assessment Chemical safety assessment was prepared neither for the ingredients, nor for the product itself.

16. OTHER INFORMATION

Note of supplier of material safety data sheet

Note: Since the product is marketed as a cosmetic product, thus, it is out of scope of CLP regulation 1272/2008. However, in order to facilitate the chemical risk assessment of work places for professional users, the classification and labelling elements in accordance with CLP are included.

The product is labelled in accordance with 1223/2009/EEC. The product is intended only for professional use.

This MSDS is based on data of the original safety data sheet provided by the manufacturer, using the up-to-date version of regulation 1907/2006. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product, therefore it cannot be used to verify quality compliance. Brillbird Europe Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.