

1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

Product Name: Magilight Light Curing Special Tray Blanks
 Product Code: 925-BU, 925-PU

Application: For the fabrication of custom fitting impression trays

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2. HAZARD IDENTIFICATION

Classification: Irritant



Signal word: Warning
 H317 May cause allergic reaction
 H412 Harmful to aquatic life with long lasting effects.
 Do not use if known allergy against Acrylates and Methacrylates

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	Cas-No.	EINECS-No.	EG-No.	Percentage	Identification
Triethylenglykoldimethacrylate	109-16-0	203-652-6		2-5	Skin sens. 1B H317
Phosphine oxide	75980-60-8		278-355-5	0,05-0,1	Repr 2 H316 1f Aqu. Chron. 3, H412
Genomer *2263	55818-57-0			5-8	Skin sens. 1B H317

4. FIRST AID MEASURES

General Advice:

Take off product contaminated clothes.

After skin contact:

Wash off with soap and water.
 Contact a physician if the skin is irritated.

After eye contact:

Rinse eyes in an efficient time.
 Contact ophthalmologist if irritation is persisting.

After inhalation:

Take person to fresh air.

After swallowing:

Seek medical advice immediately.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents:

Foam, dry powder, carbon dioxide, waterspray stream.
Adjust fire-fighting measures to ambiance.

For safety reasons unsuitable extinguishing media:

None

Particular danger through the product itself, its combustion products or gases:

Not known.

Protective equipment for fire-fighters:

Use conventional measures to combat chemical fires, that means use self-contained breathing apparatus (isolating unit).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Arrange for fresh air.

Environmental protection measures:

Do not empty into drains or aquatic environment.

Methods for cleaning/absorption:

Pick up material mechanically. Dispose only complete light cured material. Dispose material under adherence to the local official rules for hazardous wastes.

7. HANDLING AND STORAGE

Handling:

The conventional precautions for works with chemicals are to be adhered to.
Wear overall while working.

Information about fire and explosion protection:

No special measures necessary.

Storage conditions:

Store in a cool, dry, light protected place.
Storage time: 3 years if storage conditions are kept.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment:

Pay attention to protection and hygiene measures. Protective clothing must be stored separately.

Breathing protection: Not necessary

Eye protection: Wear protective goggles when working with material

Hand protection: The wearing of applicable protection gloves is recommended
Minimal contact with the product is recommended.

Body protection: Wear protective clothing.

Other protection measures: None

Advice for hygiene at work station:

Comply business usual protection and hygienic measures.
Preventive skin protection. Wash hands and skin after finishing work.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance:**

Form:	Upper jaw and lower jaw pattern, kneadable mass.
Appearance:	Paste-like mass.
Colour:	Pink, blue, nature
Odour/Flavour:	Acrylates/methacrylates.
Safety relevant data:	
Flash point:	No available (approx >100°C) Appreciated by the flash point of the ingredients No symbol necessary.
Density:	Not available.
Solubility in water:	Insoluble in water.
Ph value:	Not applicable.

10. STABILITY AND REACTIVITY**Conditions to avoid:**

Beware of heat, solar radiation and light impact to avoid early slow polymerisation.

Substance to avoid:

Radical former (product polymerises slowly on contact).

Hazardous decomposition products:

None if used according to directions.

Further information:

If storage time or storage temperature are exceeded it is possible that the product would start polymerising under low heat impact.

11. TOXICOLOGY INFORMATION**Acute Toxicity:**

Skin:	Irritation
Eyes:	Irritation
Respiratory System:	Irritation

Kinetic of the toxic reaction:

Data for this is not available.

Further information:

The product is to be labelled. By appropriate exposure and conventional use and to our experiences and information the product causes no hazardous effects.

The product has to be handled with the usual care when handling chemicals. Methacrylates may cause allergic reactions.

12. ECOLOGICAL INFORMATION

Fish Toxicity:	No data available.
Water organism:	No data available.
Bacteria Toxicity:	No data available.

Further ecology detail:

Do not allow product to reach ground water, body of water or sewage system.

Bioaccumulation potential:

No data available.

Persistence and degradability: The ingredients of the mixture are not degradable.

Effect of the determination of the PTB and vPvB Report:

Endocrine disruption potential.

If the material causes hormonal effects or prevents them is unknown to us.

13. DISPOSAL CONSIDERATIONS

Substance/Preparation:

To dispose of accordingly with notice of the local regulations of authority.

Do not empty into drains.

Disposal key according to AVV regulation:

16 03 05 (organic disposal that contains hazardous substances).

Package:

Packages that are not contaminated can be recycled.

14. TRANSPORT INFORMATION

Land Transport ADR/RID:

Classification

Class: - (no hazardous material in terms of transport rules)

UN-Number:-

Classification Code:-

Description of the goods: Light curing tray material.

Hazard Cause:-

Packaging

Packaging group: Not applicable because it is not a flammable substance.

Hazard sheet: Not applicable.

Limited Quantities: No information.

Maritime Transport IMDG/GGVSea:

Classification

IMDG-Code: -

Un-Number: -

EmS:

Marine Pollutant: No

Description of the goods: Light curing tray material.

Hazard Cause: -

Packaging

Packaging Group: Not applicable because it is not a flammable substance.

Hazard Sheet: Not applicable.

Air Transport ICAO-TI and IATA-DGR

Classification

Class: -

UN-Number: -

Description of the goods: Light curing tray material.

Hazard Cause: -

Packaging

Packaging Group: Not applicable because it is not a flammable substance.

Hazard Sheet: Not applicable.

15. REGULATORY INFORMATION

Classification: Irritant
GHS Labelling:



Warning

H317 May cause allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Safety Assessments:

Safety assessments for substances in this preparation were not executed.

National Rules:

Water Hazard Class II (Estimation on the basis of the ingredients).

16. FURTHER INFORMATION

Further applicable EC Guidelines:

Guidelines for preparation (1999/45/EC), at last changed by the guideline 2006/8/EC.

Substance Guideline (67/548/EWG), as last changed by the guideline 2006/121/EC.

REACH Guideline (EC) No. 1907/2006

Manufacturer's suggested application restriction:

Only for commercial use. No public product.

Changes compared to last version:

Change of GHS labelling

Change to composition/information on ingredients

Change to hazard identification

Change to regulatory information

The data given above covers exclusively the safety requirements of the product(s) and is based on our current knowledge and experience. It does not signify any warranty with regards to the products properties. This product is only supplied for specific uses in dentistry and must be used in accordance with the directions for use.