

Safety Data Sheet

Light curing tray material

Page 1 of 5

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Light curing tray material

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company Name: Shandong Huge Dental Material Corporation
Address: No.68 shanghai Road, Donggang District
City, State, Zip Code: Rizhao City, Shandong Province, 276800, P.R.China
Telephone: 86-633-2277268
email address: marketing@hugedental.com
Website: www.hugedental.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Categorization: Xi R36/37/38
N R51/53

Potential Hazards: Irritant, dangerous to the environment.

2.2. Label elements

No risks worthy of mention.

2.3. Other hazards

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

SECTION 3: Composition/information on ingredients

Chemical characterization

General information: Mixture of acrylate, fillers, additives.

Hazardous components:

Ingredients	Cas-No./ EINECS-No./ EG-No.	Percentage (%)	Identification
Oligomeric urethane acrylate		0-10	Xi, R36/37/38, N, R51/53
Vinyl ester resin (acrylates)		0-10	N, R51/53
Triethylenglykoldi-methacrylate	Cas-No. 109-16-0 EINECS-No.203-652-6 EG-No. 607-114-00-5	0-10	none
Phosphine oxide		0-1	Xn, R62

Classification:

DPD: Directive 67/548/EEC.

CLP: Regulation No. 1272/2008.:

Safety Data Sheet

Light curing tray material

Page 2 of 5

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Take person to fresh air.

After contact with skin

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

After contact with eyes

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

After ingestion

Seek medical advice immediately .

Most important symptoms and effects, both acute and delayed

None known.

Indication of any immediate medical attention and special treatment needed

Hazards: No specific recommendations.

Treatment: No specific recommendations.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, Dry powder, carbon dioxide, water spray-stream.

Adjust fire-fighting-measures to ambiance.

Extinguishing media which must not be used for safety reasons

None known.

Advice for firefighters Special Fire Fighting Procedures

None.

Special protective equipment for fire-fighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Arrange for fresh air.

6.2. Environmental precautions

Do not drain into canalization.

6.3. Methods and material for containment and cleaning up

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

The conventional precautions for works with chemicals are to be adhered.

Wear overall while working.

7.2. Conditions for safe storage, including any incompatibilities

Store at a cool, dry and light protected place.

Storage time : 3 years if storage conditions will be kept.

Safety Data Sheet

Light curing tray material

Page 3 of 5

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

PNCE and DNCL-Values as to be possibly worked out in a preparation safety report do not exist.

8.2. Exposure controls

General information:

No specific precautions.

Eye/face protection:

Wear protection goggles when working at material.

Skin protection:

Wear business usual protection clothes.

Other:

None.

Respiratory Protection:

Not necessary.

Hygiene measures:

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

Environmental Controls:

No data available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Form: upper jaw and lower jaw pattern, kneadable mass.
Appearance: paste-like mass
Colour: pink
Odour/Flavour: acrylates/methacrylates

Safety relevant data:

Flashpoint: not available(approx.>100° C)
appreciated by the flash point of the ingredients no symbol necessary.

Density: not available
Solubility in water: unsoluble in water
PH-value: not applicable

SECTION 10: Stability and reactivity

10.1.Reactivity

Not relevant.

10.2.Chemical stability

Stable

10.3.Possibility of hazardous reactions

No data available.

10.4.Conditions to avoid

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

10.5.Incompatible materials

Radical former(product polymerises slowly at contact)

10.6.Hazardous decomposition products

None,if used according to directions.

Safety Data Sheet

Light curing tray material

Page 4 of 5

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

At skin: Irritation
At Eyes: Irritation
At respiratory system: Irritation

Further details

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

SECTION 12: Ecological information

12.1. Toxicity

Fish toxicity: Not applicable.
Water organism: Not applicable.
Bacteria toxicity: Not applicable.

12.2. Persistence and degradability

Not applicable.

12.3. Further information to ecology

Do not allow materials to reach ground water, body of waters or sewage system!

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

The user's attention is drawn to the possible existence of local regulations regarding disposal.

Disposal Methods

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).

SECTION 14: Transport information

None

SECTION 15: Regulatory information

Code letter and hazard description of the product:



Xi: irritant
R36/37/38 Irritating to eyes, respiratory system and skin



N, dangerous to the environment
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

GHS-Labeling:



Caution
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H315 Causes skin irritation



H411 Toxic to aquatic life with long lasting effects

Water hazard class: Water Hazard Class 2 (Estimation on the basis of the ingredients)



Safety Data Sheet

Light curing tray material

Page 5 of 5

SECTION 16: Other information

No further technical information

The present data sheet contains technical-scientific information processed at best of our knowledge. We recommend verifying national and regional regulations applicable to the specific utilize field as well as regulations relative hygienic and safety on work and environment worship.

All information contained in the present data sheet is correct and processed in good faith. However they do not involve any obligation, guarantee and patent concession.

The characteristics mentioned in the following document do not constitute contractual specifications.