

1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

Product Name: Quicktemp Glaze & Bond
Product Code: 0770

Application: Glazing temporary crown & bridges. Bonding repairs on temporary restorations

Company: Davis Schottlander & Davis Ltd
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2. HAZARD IDENTIFICATION

GHS Classification: Irritant
Hazard Statements:
Highly flammable liquid and vapour.
May cause respiratory irritation.
Causes skin irritation.
May cause an allergic skin reaction.

Label elements

Signal word: Danger
Pictograms: GHS02-GHS07

**Hazard statements**

H225 Highly flammable liquid and vapour
H335 May cause respiratory irritation
H315 Causes Skin irritation
H317 May cause an allergic skin reaction

Precautionary statements

P403 Store in a well ventilated place
P305/P351/P338 IF IN EYES – Rinse cautiously with water for several minutes. Remove Contact lens if present and easy to do. Continue rinsing.
P302/P352 IF ON SKIN – Wash with plenty of soap and water.
P273 Avoid release to the environment.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

3. COMPOSITION / INFORMATION ON INGREDIENTS**Chemical characterisation**

Chemical characterisation (preparation): Acrylate-resin.

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
201-297-1	Methyl 2-methylprop-2-enoate, methyl 2-methpropenoate, methyl methacrylate	40-95%
607-035-99-6	Flam. Liq 2, STOT SE 3, Skin Irrit 2, Skin Sens 1, H225, H335, H315, H317	

Full text of phrases: see section 16

4. FIRST AID MEASURES**After contact with Eyes:**

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

After contact with Skin:

Wash immediately with water and soap.

After Ingestion:

Consult physician.

After Inhalation:

Move victim to fresh air. Put victim at rest and keep warm.

5. FIRE FIGHTING MEASURES**Extinguishing media****Suitable extinguishing media:**

Extinguishing powder, sand, foam, carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

High power water jet.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures:**

Provide adequate ventilation.

Environmental precautions:

Do not empty into drains or aquatic environment.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material e.g. sand, diatomaceous earth, acid or universal binding Agents.

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on safe handling:**

Wear suitable gloves. Avoid contact with eyes

Advice on protection against fire and explosion:

Keep away from sources of ignition. No smoking.

Use explosion-protected machinery, apparatus, suction equipment, appliances etc.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels:**

Keep container tightly closed in a cool, well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure limits (EH40)

CAS No	Chemical Name	MI/m ³	Mg/m ³	F/ml	Category	Origin
80-62-6	Methyl methacrylate	50	208		TWA (8 h)	WEL
		100	416		STEL (15 min)	WEL

Additional advice on limit values

Exposure limit values: (MMA): 210 mg/m³, 50 ml/m³

Exposure controls



Occupational exposure controls

Ensure adequate ventilation of the storage area.

Protective and hygiene measures

When using do not eat or drink.

Respiratory protection

Filter respirator (full mask or mouth-piece) with filter: A.

Hand protection

Tested protective gloves are to be worn. Suitable material: NBR (nitrile rubber).

Eye protection

Tightly sealed safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Liquid
 Colour: Yellow
 Odour: ester

pH value:

Test method

Not applicable

Changes in the physical state

Point of decomposition: >100°C
 Flash point: 10°C
 Lower exposure limits: 2,1 vol. %
 Upper exposure limits: 12,5 vol. %
 Ignition temperature: >430°C
 Vapour pressure (at 20°C): 40 hPa
 Density: ca. 1,1 g/cm³
 Vapour density: >1

10. STABILITY AND REACTIVITY

Conditions to avoid

Heat, light. Decomposition takes place from temperatures above 100°C

Incompatible materials

Keep away from strong acids, leachates, heavy metal salts and reducing materials.

Hazardous decomposition products

Can be released in case of fire: gas/vapours, irritant. (Acrylate., pungent).

Further information

Substances sensitive to light.

11. TOXICOLOGY INFORMATION**Information on toxicological effects**

LD50: (Rat)
>5.000 mg/kg

Irritation and corrosivity

Irritant effect on the eye. In rare cases product may cause temporary redness of the skin. Frequently or prolonged contact with skin may cause dermal irritation.

Sensitising effects

May cause sensitisation by skin contact.

Additional information on tests

Contains methyl methacrylate. May produce an allergic reaction. May cause sensitisation by skin contact.

12. ECOLOGICAL INFORMATION**Toxicity**

Product is partially biodegradable. >50%

Persistence and degradability

Preparation not tested.

Do not empty into drains or the aquatic environment.

Leakage into the environment must be prevented.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Advice on disposal**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Waste disposal number of waste from residues/unused products

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care(; wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing dangerous substances.

Classified as hazardous waste.

14. TRANSPORT INFORMATION**Land transport (ADR/RID)**

UN number	1247
UN proper shipping name:	METHYL METHACRYLATE MONOMER, STABILISED
Transport hazard class(es):	3
Packaging group:	II
Hazard label	3



Classification code:	F1
Limited quantity:	1 L
Transport category:	2
Hazard No:	339

Tunnel restriction code: D/E

Other applicable information (land transport)

E2

Marine transport

UN number: 1247
 UN proper shipping name: METHYL METHACRYLATE MONOMER, STABILISIERT
 Transport hazard class(es) 3
 Packaging group 11
 Hazard label: 3



Special provisions: -
 Limited quantity: 1 L
 EmS: F-E, S-D

Other applicable information (marine transport)

E2

Air transport

UN/ID number: 1247
 Un proper shipping name: METHY; METHACRYLATE MONOMER, STABILISIERT
 Transport hazard class(es): 3
 Packaging group: II
 Hazard label: 3



Limited quantity passenger: 1 L
 IATA packing instructions – Passenger: 353
 IATA max. quantity – Passenger: 5 L
 IATA packing instructions – Cargo: 364
 IATA max. quantity – Cargo: 60 L

Other applicable information (air transport)

E2

Y341

Environmental hazards

Dangerous for the environment: No

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or Mixture

National regulatory information:

Water contaminating class (D): 1 – slightly water contaminating

16. FURTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3

- H225 Highly flammable liquid and vapour.
- H315 Causes skin irritation.
- H317 May cause an allergic reaction.
- H335 May cause respiratory irritation.

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.