

**1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY**

Product Name: Quicktemp 2  
Product Code: 0427, 0428

Application: Intra oral light curing radio opaque polymer based dental restorative material

Company: Davis Schottlander & Davis Ltd  
Fifth Avenue, Letchworth Garden City,  
Herts SG6 2WD UK  
Tel: +44 (0)1462 480848 Fax: +44 (0)1462 482802  
[msds@schottlander.co.uk](mailto:msds@schottlander.co.uk) [www.schottlander.com](http://www.schottlander.com)

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**2. HAZARD IDENTIFICATION****GHS classification:****Hazard Statements:**

May cause respiratory irritation.  
Causes serious eye irritation.  
Causes skin irritation.  
May cause an allergic skin reaction.

**Label elements:**

Signal word: Warning  
Pictograms: GHS07

**Hazard statements:**

H335 May cause respiratory irritation  
H319 Causes serious eye irritation  
H315 Causes skin irritation  
H317 May cause an allergic reaction

**Precautionary statements:**

P305+P351+P338 IF IN EYES: Rinse copiously with water for several minutes.  
Remove contact lenses if present and easy to do. Continue rinsing.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

Chemical characterisation (preparation): Acrylate-resin

**4. FIRST AID MEASURES**

**Description of first aid measures**

- After inhalation:** Move victim to fresh air. Put victim at rest and keep warm.
- After contact with skin:** After contact with skin wash immediately with water and soap.
- After contact with eyes:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- After ingestion:** Immediately get medical attention.

**5. FIRE FIGHTING MEASURES**

**Extinguishing media**

**Suitable extinguishing media:** Water fog, extinguishing powder, sand, foam, carbon dioxide (CO<sub>2</sub>)

**Extinguishing media which must not be used for safety reasons:** High power water jet.

**Special hazards arising from the substance or mixture:** CO<sub>x</sub>, NO<sub>x</sub>

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:**

Wear suitable protective clothing. Provide adequate ventilation.

**Environmental precautions:**

Do not empty into drains or the aquatic environment.

**Methods and material for containment and cleaning up:**

Collect mechanically.

**7. HANDLING AND STORAGE**

**Precautions for safe handling:**

**Advice on safe handling:**

Keep container tightly closed. Wear suitable protective clothing and gloves. Avoid contact with eyes.

**Conditions for safe storage, including any incompatibilities:**

**Requirements for storage rooms and vessels:**

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

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters:**

**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:**

The following must be prevented: inhalation.

**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: Paste  
Colour: Characteristic  
Odour: ester

	<b>Test method</b>
pH-Value (at 20 °C):	ca. 7
<b>Changes in the physical state</b>	
Boiling point:	>250 °C
Point of decomposition:	200 °C
Flash point:	>150 °C
Ignition temperature:	>380 °C
Vapour pressure: (at 20 °C)	1 hPa
Density:	1,5 g/cm <sup>3</sup>
Water solubility:	10 g/L
Vapour density:	1

**10. STABILITY AND REACTIVITY**

<b>Conditions to avoid:</b>	Light, heat. Decomposition takes place from temperatures above 200°C. Decomposition under formation of Acrylate.
<b>Incompatible materials:</b>	Keep away from strong acids, leachates, heavy metal salts and reducing materials.
<b>Hazardous decomposition products:</b>	Can be release in case of fire: Gas, vapours, irritant (Acrylate, pungent).
<b>Further information:</b>	Substances sensitive to light.

**11. TOXICOLOGY INFORMATION****Information on toxicological effects:****Acute toxicity:**

LD50: Rat. 5000mg/kg

**Irritation and corrosivity:**

Frequent or prolonged contact with skin may cause dermal irritation. Irritant effect on the eye.

**Sensitising effects:**

May cause sensitisation by skin contact.

**Additional information on tests:**

Contains Methacrylic esters. May produce an allergic reaction.

**12. ECOLOGICAL INFORMATION****Toxicity:**

Acute fish toxicity LC50: >360 mg/l/48h

**Persistence and degradability:**

Preparation not tested.

**Further information:**

Do not empty into drains or the aquatic environment.

## 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 the authorities in charge. Paste: carry out a burning of hazardous waste according to official regulations.

**Waste disposal number of waste from residues/unused products:**

180106 WASTES FROM HUMAN OR ANIMAL HEALTHCARE 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

**Other applicable information:**

Not a hazardous material with respect to these transportation regulations.

## 15. REGULATORY INFORMATION

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

**National regulatory information:**

Water contaminating class (D): 2-water contaminating.

## 16. FURTHER 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.