

1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

1.1 Product Name:	Croform Duplicating Material				
Product Code:	421				
Application:	Duplication of dental models				
1.2 Relevant identified uses of the substance or mixture and uses advised against;	Manufacturing of dental prosthesis in a dental laboratory				
1.3 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 www.schottlander.com				
Revision Date:	08.12.2021	V2.0	Previous Revision	28.01.2016	V1.0

2. HAZARD IDENTIFICATION

2.1	Classification of the substance or mixture Classification information This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP). This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)
2.2	Label elements
2.2.1	Labelling according to regulation (EC) No. 1272/2008 (CLP) EUH - Statements EUH208: Contains a mixture of: 5-chloro-2methyl-2h-isothiazol-3-one [EC no 247-500-7] and 2-methyl-2h-isothiazol-3-one [EC no. 220-239-6] (3:1); May produce an allergic reaction
2.3	Other hazards PBT assessment: No data available. vPvB assessment No data available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1	Substances Not applicable. The product is not a substance				
3.2	Mixtures				
Hazardous ingredients					
			Additional information		
Substance Name	CAS/EC/Index/ REACH No.	Classification (EC) 1272/2008 (CLP)	Concentration		%
Glycerol	56-81-5 200-289-5	N/A	>50,00 -	< 70,00	% - b.w.
Full Text for all H-phrases and EUH-phrases: pls. see section 16					

4. FIRST AID MEASURES

4.1 Description of first aid measures

General information

If the patient is likely to become unconscious, place and transport in stable sideways position. In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing

After inhalation

Inhalation of product is unlikely. No special measures necessary

After skin contact

In case of contact with skin wash off with water

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart and seek medical advice.

After ingestion

Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Let plenty of water be drunk in small gulps. Call a doctor immediately

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide; Extinguishing powder; Water spray jet; Foam

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Use self-contained breathing apparatus. Product itself does not burn. Adapt extinguisher and fire-fighting measures to fire in the environment. Wear protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8

6.2 Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

". Take up mechanically. When picked up, treat material as prescribed under heading "Disposal considerations

6.4 Reference to other sections

No data available.

7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
- Advice on safe handling**
Keep container tightly closed.
- General protective and hygiene measures**
Wash hands before breaks and after work. Do not eat, drink or smoke during work time. Remove soiled or soaked clothing immediately. Keep away from foodstuffs and beverages.
- Advice on protection against fire and explosion**
No special measures necessary.
- 7.2 Conditions for safe storage, including any incompatibilities**
- Technical measures and storage conditions**
Keep container tightly closed and dry in a cool, well-ventilated place
- Requirements for storage rooms and vessels**
Keep only in the original container.
- Advice on storage assembly**
None known
- 7.3 Specific end use(s)**
No data available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters**
- Occupational exposure limit values**
- | No | Substance name | CAS no. | EC no. |
|---|----------------|---------|-------------------|
| 1 | glycerol | 56-81-5 | 200-289-5 |
| List of approved workplace exposure limits (WELs) / EH40 | | | |
| | Glycerol mist | | |
| | TWA | 10 | mg/m ³ |
- 8.2 Exposure controls**
- Appropriate engineering controls**
No data available.
- Personal protective equipment**
- Respiratory protection**
If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of dust formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.
- Eye / face protection**
Safety glasses with side protection shield (EN 166)
- Hand protection**
Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves.
Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.
- Other**
Normal chemical work clothing.
- Environmental exposure controls – No data available**
No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties****Form/Colour**

solid
green

Odour

odourless; mint-like

Odour threshold

No data available

pH value

No data available

Boiling point / boiling range

No data available

Melting point / melting range

No data available

Decomposition point / decomposition range

No data available

Flash point

No data available

Auto-ignition temperature

No data available

Oxidising properties

No data available

Explosive properties

No data available

Flammability (solid, gas)

No data available

Lower flammability or explosive limits

No data available

Upper flammability or explosive limits

No data available

Vapour pressure

No data available

Vapour density

No data available

Evaporation rate

No data available

SAFETY DATA SHEET

Relative density
No data available

Density
No data available

Solubility in water
Remarks - insoluble

Solubility(ies)
No data available

Partition coefficient: n-octanol/water
No data available

Viscosity
No data available

9.2 Other information
Other information
No data available.

10. STABILITY AND REACTIVITY

- 10.1 Reactivity**
Dangerous reactions are not expected if the product is handled according to its intended use.
- 10.2 Chemical stability**
Stable under recommended storage and handling conditions (See section 7).
- 10.3 Possibility of hazardous reactions**
None, if handled according to order.
- 10.4 Conditions to avoid**
None, if handled according to intended use.
- 10.5 Incompatible materials**
None known.
- 10.6 Hazardous decomposition products**
No hazardous decomposition products known.

11. TOXICOLOGY INFORMATION

- 11.1 Information on toxicological effects**
 - Acute oral toxicity**
No data available
 - Acute dermal toxicity**
No data available
 - Acute inhalational toxicity**
No data available
 - Skin corrosion/irritation**
No data available
 - Serious eye damage/irritation**
No data available
 - Respiratory or skin sensitisation**
No data available

<p>Germ cell mutagenicity No data available</p> <p>Reproduction toxicity No data available</p> <p>Carcinogenicity No data available</p> <p>STOT-single exposure No data available</p> <p>STOT-repeated exposure No data available</p> <p>Aspiration hazard No data available</p>
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12. ECOLOGICAL INFORMATION

<p>12.1 Toxicity</p> <p>Toxicity to fish (acute) No data available</p> <p>Toxicity to fish (chronic) No data available</p> <p>Toxicity to Daphnia (acute) No data available</p> <p>Toxicity to Daphnia (chronic) No data available</p> <p>Toxicity to algae (acute) No data available</p> <p>Toxicity to algae (chronic) No data available</p> <p>Bacteria toxicity No data available</p> <p>12.2 Persistence and degradability No data available.</p> <p>12.3 Bioaccumulative potential No data available.</p> <p>12.4 Mobility in soil No data available.</p> <p>12.5 Results of PBT and vPvB assessment</p> <table border="1"> <tr> <th colspan="2">Results of PBT and vPvB assessment</th> </tr> <tr> <td>PBT assessment</td> <td>No data available.</td> </tr> <tr> <td>vPvB assessment</td> <td>No data available.</td> </tr> </table> <p>12.6 Other adverse effects No data available.</p> <p>12.7 Other information Other information Do not discharge product unmonitored into the environment.</p>	Results of PBT and vPvB assessment		PBT assessment	No data available.	vPvB assessment	No data available.
Results of PBT and vPvB assessment						
PBT assessment	No data available.					
vPvB assessment	No data available.					

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

14. TRANSPORT INFORMATION

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

15. REGULATORY INFORMATION

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

No data available.

16. FURTHER INFORMATION

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

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.