

1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

Product Name: Schottlander Ultra Fine Glass Composite
Product Code: 110, 111, 950

Application: Tooth coloured dental filling material

Company: Davis Schottlander & Davis Ltd
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Date: 16.01.2016 V1.0

2. HAZARD IDENTIFICATION**Classification of the substance or mixture**

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 skin reaction.

Precautionary statements

P305+P351+P338 IF IN EYES: Rinse cautiously 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 (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

Suitable extinguishing media: Water fog, extinguishing powder, sand, foam, Carbon dioxide (CO₂)

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

Special hazards arising from the substance or mixture: CO_x, NO_x

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: Yellow
Odour: like: ester

Test method

pH-Value (at 20°C): Not applicable

Changes in the physical state

Point of decomposition: >200°C
Flash point: >150°C
Density: 1.8g/cm³
Water solubility: 1g/L
(at 20°C)
Vapour density: >1

10. STABILITY AND REACTIVITY

Conditions to avoid

Light, heat.

Decomposition takes place from temperatures above 200°C.

Decomposition under formation of Acrylate.

Incompatible materials

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

Hazardous decomposition products

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

Further information

Substances sensitive to light.

11. TOXICOLOGY INFORMATION

Information on toxicological effects

Acute toxicity: LD50: Rat. 5000mg/kg

Irritation & corrosivity: Frequently 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

Persistence and degradability: Preparation not tested.

Further information: 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.

Paste: Carry out a burning or hazardous waste according to official regulations.

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

Other applicable information:

Not hazardous material in 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.