SAFETY DATA SHEETS

This SDS packet was issued with item:

073242237

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

073239308 073239316 073239324 073239332 073239340

SAFETY DATA SHEET

CLEARSHIELD VARNISH

Issued: 16/04/2007

Revision No: 2

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: KOLORZ CLEARSHIELD 5% SODIUM FLUORIDE VARNISH

Use / description of product: No significant hazard.

Company name: Zenith Dental

242 South Dean Street

Englewood, NJ 07631

USA

Tel: 201-894-5500

Fax: 201-894-0213

Emergency tel: 800-535-5053

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: ROSIN 50-70%

EINECS: 232-475-7 CAS: 8050-09-7

[Sens.] R43

- ETHANOL 10-30%

  EINECS: 200-578-6 CAS: 64-17-5

  [F] R11

- SODIUM FLUORIDE 1-10%

  EINECS: 231-667-8 CAS: 7681-49-4

  [T] R25; [-] R32; [Xi] R36/38

3. HAZARDS IDENTIFICATION

Main hazards: Harmful if swallowed. Contact with acids liberates very toxic gas. May cause sensitisation by skin contact.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

[cont...]

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5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: ETHANOL

TWA 1920 mg/m3

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Paste

Colour: Off-white

Odour: Characteristic odour

Evaporation rate: Moderate

Solubility in water: Slightly soluble

Also soluble in: Ethanol.

Viscosity: Viscous

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

[cont...]

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11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: ETHANOL

IVN RAT LD50 1440 mg/kg

ORL MUS LD50 3450 mg/kg

ORL RAT LD50 7060 mg/kg

- SODIUM FLUORIDE

ORL MUS LD50 57 mg/kg

ORL RAT LD50 52 mg/kg

SCU RAT LD50 175 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: -

Shipping name: NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

IMDG / IMO

UN no: -

IATA / ICAO

UN no: -

15. REGULATORY INFORMATION

Hazard symbols: Harmful.

Risk phrases: R22: Harmful if swallowed.

R32: Contact with acids liberates very toxic gas.

R43: May cause sensitisation by skin contact.

[cont...]

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Safety phrases: S24: Avoid contact with skin.

S37: Wear suitable gloves.

Precautionary phrases: Restricted to professional users.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.2: R43: May cause sensitisation by skin contact.

R11: Highly flammable.

R25: Toxic if swallowed.

R32: Contact with acids liberates very toxic gas.

R36/38: Irritating to eyes and skin.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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