

MATERIAL SAFETY DATA SHEET

1. INTRODUCTORY AND COMPANY DETAILS

Product Name: RACESTYPTINE SOLUTION
Other Names: STY LIQUID
Recommended Use: In dentistry for in situ impregnation of a gingival retraction cord.

Company name: SPECIALITIES SEPTODONT Pty Ltd.
Address: 14 Cliffbrook Crescent, Emu Plains, NSW 2750
Telephone: 02 4735 5174
Fax: 02 9482 2612
Emergency Telephone: 07 5522 4880

2. HAZARDS IDENTIFICATION

Hazard Classification: HAZARDOUS SUBSTANCE, DANGEROUS GOODS



Irritant (Xi)



Highly Flammable (F)

Risk Phrases: R36/38 - Irritating to eyes and skin
R11 – Highly flammable

Safety Phrases: S9 Keep container in a well ventilated place.
S16 Keep away from sources of ignition – No smoking.
S23 Do not breathe fumes.
S25 Avoid contact with eyes.
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 37 Wear suitable gloves.
S 60 This material and its container must be disposed of as hazardous waste.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity of Ingredients:

| CAS | EC | Name | Symb. | R: | % |
|-----------|-----------|--------------------|-------|-------|-----------|
| 7784-13-6 | 231-208-1 | ALUMINIUM CHLORIDE | Xi | 36/38 | 10 - < 30 |
| 64-17-5 | 200-578-6 | ETHANOL | F | 11 | 30 - 60 |

4. FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor. NEVER induce swallowing in an unconscious person.

In the event of splashes or contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

In the event of splashes or contact with skin:

DO NOT use solvents or thinners.

In the event of swallowing:

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Call a doctor immediately and show him the label.

5. FIRE FIGHTING MEASURES

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

Suitable extinguishing media:

In the event of fire, use specifically suitable extinguishing agents. Never use water.

Extinguishing media which must not be used for safety reasons:

Do not breathe in smoke. Prevent the effluent of fire-fighting measures from entering drains or waterways.

Special protective equipment for fire-fighters:

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

Hazchem Code: 3[Y]

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid inhaling the vapors. Avoid any contact with the skin and eyes. Consult the safety measures listed under headings 7 and 8.

Environmental precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways. Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13). If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

7. HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:

Prevent the formation of flammable or explosive concentrations in air and avoid vapour concentrations higher than the occupational exposure limits.

Fire prevention:

Prevent the accumulation of electrostatic charges with connections to earth. The preparation may become electrostatically charged; always place on the ground during transfer. Wear antistatic shoes and clothes and make floors of conductive materials. Use the product in premises where there are no naked flames or other sources of ignition and have protected electrical equipment. Keep packages tightly closed and away from sources of heat, sparks and naked flames. Do not use tools which may produce sparks. Do not smoke. Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal safety, see §8. Observe precautions stated on label and also industrial safety regulations Avoid inhaling vapors. Avoid contact of product with the skin and eyes

Prohibited equipment and procedures:

Smoking, eating and drinking are prohibited in premises where the preparation is used. Never open the packages under pressure

Storage:

Keep the container tightly closed in a dry place. Keep away from all sources of ignition - do not smoke. Keep well away from all sources of ignition, heat and direct sunlight

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit values per NOHSC:1003(1995)

| CAS No: | TWA | STEL | Carcinogen Category | Notices | Reference |
|---------|-------------------------------------|------|---------------------|---------|-----------|
| 64-17-5 | 1000 ppm/ 1880 mg/m ³ | - | - | - | H |

Hand protection:

Protective creams may be used for exposed skin, but they should not be applied after contact with the product. In the event of prolonged or repeated contact with the hands, use appropriate gloves.

Eye and face protection:

Avoid contact with eyes. Wear safety goggles. Provide eye washes in workshops where the product is constantly handled

Skin protection:

For further information, see § 11 of S.D.S. - Toxicological information.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: fluid liquid

Important health, safety and environmental information:

pH of the substance or preparation: not relevant.

The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range: not relevant.

Flash point interval: 23°C. < Flash point: <= 55°C.

vapour pressure: Below 110 kPa (1.10 bar).

Density: = 1 water

solubility: Insoluble.

Other information:

melting point/melting range: not relevant.

Self-ignition temperature: not relevant.

Decomposition point/decomposition range : not relevant.

10. STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet.

11. TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

It is generally agreed that substances contained are likely to cause the appearance of major lesions which persist for at least twenty-four hours after application to the eye of an animal and are likely to cause significant irritation which lasts for at least twenty four hours after application to the healthy, unbroken skin of an animal for a period of up to 4 hours.

12. ECOLOGICAL INFORMATION

No ecological data on the product itself is available.
The product must not be allowed to run into drains or waterways.

13. DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Special precautions for landfill or incineration

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.


Soiled packaging:

Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

14. TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADG CODE for road and rail, IMDG for sea and ICAO/IATA for air transport (ADGC (6th Ed) - IMDG 2006 - ICAO/IATA 2007).

UN1993=FLAMMABLE LIQUID, N.O.S. (ethanol)

| ADGC | Class | Code | Pack'g Group | Hazchem Code | Special Prov'n | Pack'g Method |
|---|-------|------|--------------|--------------|-------------------------|---------------|
|  | 3 | | III | 3[Y] | SP109 SP185 SP274 | 3.8.3 RT1 |

| IMDG | Class | 2°Label | Pack gr. | LQ | EMS | Provis. |
|------|-------|---------|----------|-----|---------|-------------------------|
| | 3 | - | III | 5 L | F-E,S-E | 223, 274, 330, 944, 955 |

| IATA | Class | 2°Label | Pack gr. | Passager | Passager | Cargo | Cargo | note |
|------|-------|---------|----------|----------|----------|-------|-------|----------|
| | 3 | - | III | 309 | 60 L | 310 | 220 L | A3, A148 |
| | 3 | - | III | Y309 | 10 L | - | - | - |

15. REGULATORY INFORMATION

Regulated as an included medical device class 1. Included on the Australian Register of Therapeutic Goods, AUST I 136043& 133517.

Hazard classification according to Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)] 3rd Edition and the Australian Code for the Transport of Dangerous Goods by Road and Rail (6th Edition)

Exposure limits according to "Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]"

M.S.D.S prepared in accordance with the National Code of Practice for the Preparation of Material Safety Data Sheets, 2nd Edition [NOHSC:2011(2003)]

16. OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties.

Full text of risk phrases appearing in section 3:

R 11 Highly flammable
R 36/38 Irritating to eyes and skin.