

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

SERAC VILLE ROUTE Date of last issue: 2007 / 26 / 04

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

Product label name

SERAC VILLE ROUTE

Supplier

PROSIGN INDASCO

5, rue du Quai de Débarquement

F-76100 Rouen

France

Tel. : +33(0)2 32 18 20 00

E-mail : delbarre@indasco.somaro.fr

Telephone in case of urgency (for use

by the patient's doctor):

FR – INRS +331 45 42 59 59

2. HAZARDS IDENTIFICATION

Principal dangers: Easily flammable

May create a sensitivity in contact with skin

Specific risk: The product may accumulate electrostatic charges which could cause fire following an electrical discharge

3. COMPOSITION: INFORMATION ON INGREDIENTS

Chemical Description: Mixture of resins, mineral charges, and pigments

Information on hazardous ingredients:

- methacrylate of methyle – Id No. 607-035-00-6 – CAS No 80-62-6 – EC No. 201-297-1 % w/w : 5 < C <= 10 Classification: F; R11-XI;R37/38-R43

- acrylate of 2-ethylhexyle – Id No. 607-107-00-7 – CAS No 103-11-7 – EC No. 203-080-7 % w/w: 1 < C <= 5. Classification : -XI; R 37/38-R 43

- acrylate of nebutyl - Id No. 607-062-00-3 - CAS No 141-32-2 – EC No. 205-480-7 % w/w: 1 < C <= 5 Classification: R10 XI; R 37/38 –R 43

4. FIRST AID MEASURES

General: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Remove to fresh air, if not breathing give artificial respiration. Do not nourish through the mouth. If the person is unconscious, place them in a position to recuperate, and get medical attention.

Skin: Remove contaminated clothes and shoes. Immediately wash skin with soap and plenty of water. Do not use dilutions or solvents. In case of accidental contact

with skin, avoid simultaneous exposure to the sun or other sources of UV, which could increase the sensitivity of the skin.

Eye: Take off contact lenses. Immediately flush the eyes with plenty of clean water. Hold the eyelids apart during the flushing to ensure rinsing the entire surface of the eye and lids with water. Get medical attention if irritation persists.

Ingestion: Call a physician or a poison control center immediately. Induce vomiting only if directed by medical personnel. The patient should lie on their left side while vomiting to reduce the risk of aspiration. Never give anything by mouth to a unconscious or convulsing person.

5. FIRE-FIGHTING MEASURES

Extinguishing media: foam resistant to alcohol, CO₂, powder.

Unsuitable extinguishing media: pressure water.

Special Methods: Cool down unopened containers that are exposed to fire, with cold water.

Special Risks: Fire may produce thick black smoke. Being exposed to products in decomposition may incur health risks. Appropriate respiratory equipment may be required.

Protective Equipment: Respiratory equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Eliminate possible causes of ignition. Ventilate closed areas. Avoid breathing vapors and/or particles.

Environmental precautions: Do not allow to enter drains or water courses. If the product should contaminate water levels, rivers, or sewers, alert the competent authorities according to local law.

Methods for cleaning up: Stop leakage with non-combustible absorbent materials, i.e. sand, earth, vermiculite, other absorbent matters. Place the residue in drums so that they may be disposed according to local law. Flush surroundings with large amounts of water and detergents or soap. Avoid using solvents.

7. HANDLING AND STORAGE

Handling:

- Precautions: The vapors are heavier than air. They can run along the ground and form an explosive mix with air.

Prevent the formation of in flammable concentrations or explosives in the air and avoid concentrations of vapors that are higher than the limits indicated in professional usage;

No smoking, eating or drinking in covered areas where the preparation is used. For individual protection, see point No. 8.

- Technical points: The product is to be used indoors only in rooms where there are no flames, and no possibility of igniting flames.

Electrical equipment must be protected in an appropriate way.

The preparation may be charged electrostatically. Always work on the ground during this phase.

Respect labor laws.

- Usage advice: Keep packaging closed and far from heat sources, sparks, and flames. Do not use tools that may cause flames.

Do not empty cans by using pressure. Always preserve the preparation in packaging identical to the originals.

Storage:

- Precautions: Store in accordance with instructions indicated on the label. Keep the packages well-closed in a cool place.

- Storage conditions: Store in a dry well-ventilated room, removed from all ignition sources, heat, and direct sunlight.

Stock at temperatures between 32 degrees F and 100 degrees F.

Opened packaging must be carefully re-closed and kept standing-up.

- Incompatible products to keep at distance: Keep at a distance oxydants as well as strongly acid or alkaline products.

- Types of packing to use for re-packaging: Similar to original packaging.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Ensure good ventilation and local exhaustion of the working area. If this is not sufficient to keep concentrations of particles and vapors within the value limits, respiratory equipment must be brought in

Parameter controls:

- Exposure limits: Methal methacrylate : VME ppm = 100 - VME mg/m³ = 410
Butyl acrylate : VMEppm = 2 - VME mg/m³ = 11

$$\text{VLE ppm} = 10 \quad - \quad \text{VLE mg/m}^3 = 53$$

Personal protection:

Respiratory: Provide adequate ventilation. In cases of insufficient ventilation wear suitable respiratory equipment.

Hand: Wear suitable protective gloves of polyethylene or polypropylene with textile lining. Gloves made of PVC or rubber are not appropriate.

Eyes: Wear eye/face protection.

Skin and Body: After contact with the product, all parts of the body that have been in contact with the product are to be washed.

Other information: Emergency-shower and facilities for rinsing eyes must be accessible. Launder clothes before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information:

- Physical state: Viscous liquid
- Color: white or colored
- Odour: strong

Important information concerning health, security, and the environment:

- PH: N/A
- Boiling Point/range: Not determined
- Flash point: 52 degrees F
- Explosive properties: % Volume in the air: 1.2 – 12.5 (bonding agent)
- Density: 1.83 g/cm³
- Viscosity: Not determined
- Solubility in water: insoluble
- Solubility in other solvents: soluble in some specific solvents.

10. STABILITY AND REACTIVITY

Stability: The preparation contains matters which are unstable in the following conditions: heat exposure (>120 F), strong UV sources, free radical initiators, peroxyde, strongly alkaline materials, and reactive materials.

These conditions may cause polymerisation of the preparation with an exothermic reaction. All non-intentional contact with these conditions must be avoided.

Decomposition: If exposed to high temperatures, the preparation can release dangerous decomposition products, such as carbon monoxide and dioxide, and nitrogen oxide smoke.

11. TOXICOLOGICAL INFORMATION

General information: None are available.

Acute toxicity:

- Inhalation: Practically, exposition to dangerous concentrations is improbable, as a warning is received by irritating effects.
- Skin: The acrylic components have irritating properties. Prolonged or repeated contact with skin or mucous may cause irritating symptoms such as red spots, blisters, dermatitis . . .
- Eye: Splashes in the eyes may provoke irritations
- Oral: May provoke lesions to the digestive tract
- Sensitization: May bring about a sensibility by contact with the skin.

12. ECOLOGICAL INFORMATION

General information: None are available. Emptying the product in sewers, stagnant or running water must be avoided.

Effect on the environment: No toxicological effects on the environment are known or imaginable in normal conditions of use.

13. DISPOSAL CONSIDERATIONS

Remaining product not used: Do not empty into sewers, stagnant or running water.

Waste code number: Waste should be regarded as special waste for disposal. Please refer to your specific industry regulations.

Contaminated packaging: According to local regulations. Emptied container might retain product residues. Follow all warnings even after the container is emptied.

14. TRANSPORT INFORMATION:

General Information: Ship the product conforming to the ADR for road transport, or RID for rail, IMDG for ocean freight, and ICAO/IATA for air freight.

UN No.: 1263

Road transport:

- Specific shipping name: PAINT
- Danger class: 3
- Packaging class: III
- TREM-CARD Code: 30GF1
- ARD/RID labels: 3
- Danger code: 33
- Classification code and specific dispositions: F1 163 640H
- Packaging instructions: P001 IBC02 LP01 R001 -/- PP1

Ocan Freight (MDG)

- Specific shipping name: PAINT
- Class: 3
- Packing class: III
- FS No.: F-E, S-E
- IMDG label: 3
- Packaging instructions: P001 LP01 -/- PP1

Air Freight (ICAO/IATA)

- Specific shipping name: PAINT
- ICAAQ/IATA class: 3
- Packing class: III
- ICAQ/IATA labels: 3

15. REGULATORY INFORMATION

Labelling: The product is dispensed from labelling according to EC directives concerning classification, packaging, and labelling of dangerous substances.

EC number: N/A

Symbol(s): F- Easily inflammable XI – Irritant

Phrase(s) R: 11 Easily inflammable
 36 :37 :38 Irritating to eyes, respiratory tract, and skin
 43 May cause sensitization by skin contact

Phrase(s) S: 16 Keep away from flames and sources of sparks. No smoking
 24 Avoid skin contact
 29 Do not throw remains into sewers
 33 Avoid accumulation of electrostatic charges
 37 Wear appropriate gloves
 9 Keep recipient upright in a well-ventilated locale

Complimentary information: Contains methyl-methacrylate, 2-ethylhexyl acrylate, n-butyl acrylate. May cause an allergic reaction.

16. OTHER INFORMATION

Pertinent legislation: Corresponds to national laws and EC directives.

Heading No 2: Phrase(s) R R 11 Easily inflammable
R 37/38 Irritating for the respiratory tract and skin
R 43 May cause sensitization by skin contact
R 10 Inflammable
R36/37/38 Irritating to eyes, respiratory tract, and skin

Advice or important remarks: As working conditions of the user are not known, the information given in this Security Document are based on the current state of our knowledge and on EC regulations, as well as national and community regulations.

It is always the responsibility of the user to take all precautions necessary to respect the laws and local regulations.

The information given in this Security Document are to be considered as a description of Security Regulations, and not as a guaranty of the properties of our product.

Usage: Cold coating.

Restrictions: The product is not be used for other uses that those specified without having obtained prior written usage instructions.

Recommandations: Use of this product is reserved to professionals.

History:

- Date of 1st edition: 27/02/2003
- Date of previous revision: 04/04/2005
- Date of revision: 26 :04 :2007
- Version : 3
- Changes were made in section: 1
- Composed by: Philippe Delbarre