

60100 Sandarac

Edition: 27.06.2008

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Information:

Product Name: Sandarac, Moroccan
Article No.: 60100
Application: Artists' and Restoration Material

Company: Kremer Pigmente GmbH & Co. KG
Hauptstrasse 41-47, D - 88317 Aichstetten
Tel. +49 7565 914480 Fax. +49 7565 1606
www.kremer-pigmente.de, kremer-pigmente@t-online.de

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Gum sandarac.

Gum Sandarac is derived in the Atlas region in Morocco from the cypress Sandarac tree. Gum Sandarac is a resin leaking from bark and branches of the tree, hardened by air. In most cases the pieces have a long/oval or cylindrical form, up to 4 cm long, they are smooth and of yellowish-white color and of balsamic odor, slightly like turpentine. Especially when being heated, the taste is weakly aromatic, slightly bitter.

About 95 % resin substances, containing free resin acids such as sandaracopimar acid, oxysandaracopimar acid, callitrol-, sandaracin-, sandaracol-, sandarcinol and other acids. Additionally it contains 1-2 % bitter constituent, about 1-1.5 % essential oils with alpha- and beta-pines, D-limonene, thymochinone.

CAS-No.: 9000-57-1
EINECS-No.: 232-547-8

3. HAZARD IDENTIFICATION

Not necessary.

4. FIRST AID MEASURES

After inhalation: If inhaled, move to fresh air.
After skin contact: Wash affected skin with soap and water.
After eye contact: Rinse open eye for several minutes under running water. If symptoms persist, consult physician.
After ingestion: If swallowed, dilute with water and induce vomiting.

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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: No restrictions.
Protective equipment: Avoid inhalation of fumes in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear protective gear according to section 8.
Environmental precautions: No special measure required.
Methods for cleaning-up: Clean up mechanically and place in adequate containers for reuse.

7. HANDLING AND STORAGE:

Handling:

Instruction on safe handling: Provide adequate ventilation. Avoid dust formation.

Storage:

Storage conditions: Store in cool and dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical systems: Provide adequate ventilation.

Limits of exposure: 5 mg/m³

Personal protective equipment:

General protective measures: Wash thoroughly after handling.

Respiratory protection: Dust mask if very dusty.

Hand protection: Protective gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: pieces
Color: yellowish-white
Odor: balsamic odor, slightly like turpentine

Melting point: approx. 140-150°C
Density: 1.092 (Brisson) 1.05 (Pfaff)
Solubility: in alcohol, ether, turpentine (partially), acetone

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use.

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Hazardous reactions: None.

11. TOXICOLOGICAL INFORMATION

Not considered toxic material.

12. ECOLOGICAL INFORMATION

Not hazardous to the environment.

13. DISPOSAL CONSIDERATIONS

Dispose of properly according to national and local regulations.

14. TRANSPORT INFORMATION

Not hazardous material according to transportation regulations.

15. REGULATORY INFORMATION

Labelling in accordance with EC Regulations: Hazard warning labelling not required.

16. OTHER INFORMATION

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.