

58941 - 58942 Aluminium Hydroxide

Date: 10.04.2003

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Information:

Product Name: Aluminium Hydroxide
Article No.: 58941 - 58942
Application: Artists' and Restauration Material

Company: Kremer Pigmente GmbH & Co. KG
Hauptstrasse 41-47, D - 88317 Aichstetten
Tel. +49 7565 91120 Fax. +49 7565 1606
www.kremer-pigmente.de, kremer-pigmente@t-online.de

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Aluminium Hydroxide

CAS No.: 21545-51-2
EINECS No.: 244-492-7

3. HAZARDS IDENTIFICATION

Product not considered to be hazardous according to EC Guidelines.

4. FIRST AID MEASURES

General information: No special measures required.
After inhalation: Move to fresh air. In case of complaints seek medical advice.
After skin contact: Product is not considered to be irritating.
After eye contact: Rinse open eyes with plenty of water. In case of discomfort seek medical help.
After ingestion: Get medical help in case of discomfort.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: CO₂, dry powder or water spray. Larger fire should be extinguished with water spray or alcohol resistant foam.
Special exposure hazards: No special hazards known.
Protective equipment: No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: No special measures required.
Environmental precautions: No special measures required.

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Methods of cleaning/
absorption: Take up mechanically and collect in suitable container for disposal.

7. HANDLING AND STORAGE

Handling:

Instructions on safe handling: No special requirements.

Information of fire and
explosion protection: No special requirements.

Storage:

Storage conditions: Store in cool place.

Storage class: 10 - 13

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with critical values that require monitoring at the workplace:

21645-51-2 Aluminium hydroxide MAK: 6 A mg/m³

Personal protective equipment:

General protective measures: Follow the usual good standards of occupational hygiene.

Respiratory protection: A dust mask is recommended.

Eye protection: Not required.

Hand protection: Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: powder

Color: white

Odor: odorless

Ignition temperature: Product is not combustible.

Risk of explosion: Product is not explosive.

Density: 2.4 g/cm³ (20°C)

Solubility in water: soluble, cloudy (20°C)

pH-value: approx. 9 (20°C)

10. STABILITY AND REACTIVITY

Stability: Stable when used according to specifications.

Hazardous decomposition
products: None known.

Thermal decomposition: None if handled according to specifications.

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11. TOXICOLOGICAL INFORMATION

Acute toxicity: --

Irritant effect on skin: not irritating
Irritant effect on eye: not irritating

Sensitization: no sensitizing effect

12. ECOLOGICAL INFORMATION

When used properly, no ecological problems expected.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

Not classified as dangerous according to transport regulations.

15. REGULATORY INFORMATION

Labelling in accordance with EC Regulations: Hazard warning labelling not compulsory

National regulations:
Water hazard class: 0, not hazardous

16. OTHER INFORMATION

This information, which describes our product with regard to possible safety requirements, is based on the present state of our knowledge and experience. It is given in good faith but no warranty expressed or implied with respect to the quality and properties of our product is made.