

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Name: HAN-Blue Deep
Article No.: 10072
Use of the Substance/Preparation: Artists' and Restoration Material

Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses: Coloring agent, pigment

Details of the Supplier of the Safety Data Sheet

Company: Kremer Pigmente GmbH & Co. KG
Address: Hauptstrasse 41-47, D 88317 Aichstetten
Tel/Fax: Tel +49 7565 91120, Fax +49 7565 1606
Internet: www.kremer-pigmente.de, kremer-pigmente@t-online.de
Emergency No.: +49 7565 91120, Mon-Fri 8:00 - 17:00

2. Hazard Identification

Classification according to EC Regulation No.1272/2008

GHS Classification This product does not require classification and labelling as hazardous according to CLP/GHS.

Classification according to EC Regulation No. 67/548 or No.1999/45

Hazard designation: The material is not subject to classification according to EC lists.

3. Composition/Information on Ingredients

Chemical Characterization: Ceramic pigment, copper barium silicate, CuOBaO4SiO2

4. First Aid Measures

Description of the First Aid Measures

After inhalation: Supply fresh air.
Supply fresh air. Consult physician if symptoms persist.

After skin contact: Wash off immediately with plenty of soap and water and rinse thoroughly.
Wash with soap and rinse with plenty of water.

After eye contact: Rinse open eye for several minutes under running water.
Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.

After ingestion: Immediately get medical help.
Rinse mouth with water and drink plenty of water.

Most Important Symptoms and Effects, both Acute and Delayed

Possible symptoms: No further information available.

Indication of any Immediate Medical Attention and Special Treatment needed

Information for physician: No information available.

5. Fire-Fighting Measures

Extinguishing Media

Suitable extinguishing media: Product itself does not burn.
Use extinguishing media for surrounding fire.

Special Hazards arising from the Substance or Mixture

Special hazards: Do not inhale fumes.

Advice for Firefighters

Protective equipment: Wear suitable protective clothing.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions: Avoid formation of dust.
Environmental precautions: No special measures required.
Methods and material for containment and cleaning up: Take up mechanically and collect in suitable containers for disposal.
Avoid dust formation.

7. Handling and Storage

Precautions for Safe Handling

Instructions on safe handling: Avoid formation and deposition of dust. Provide adequate ventilation.

Information on fire and explosion protection: Product is not combustible.

Conditions for Safe Storage, including any Incompatibilities

Storage conditions: Store in tightly sealed containers in a dry and cool room.
Store in a cool and dry place.
Storage class (VCI): 13; Non combustible solids.

8. Exposure Controls/Personal Protection

Technical protective measures: Provide adequate ventilation.
Parameters to be controlled (DE): ELV: 4 mg/m³ general dust limit inhalable fraction.

Personal Protective Equipment

General protective measures: Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.
Do not inhale dust. Do not eat, drink or smoke while working. Wash hands before breaks and at the end of work.

Respiratory protection: In case of formation of dust.
Dust mask recommended when very dusty (NIOSH-certified).

Hand protection: In general not required.

Not required

Eye protection: Recommended in case of extreme dust formation.

Safety glasses

Body protection: Protective clothing.

9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Form: powder

Color:	blue
Odor:	none
Odor threshold:	No information available.
Melting temperature:	not available
Boiling temperature:	not applicable
Flash point:	not applicable
Evaporation rate:	No information available.
Ignition temperature:	not applicable
Auto-ignition:	No information available.
Explosion risk:	not applicable
Vapor pressure:	not applicable
Density:	not determined
Bulk density:	not determined
Solubility in water:	insoluble
Viscosity dynamic:	not applicable
Oxidizing properties:	no information available

10. Stability and Reactivity

Reactivity:	Stable if used according to specifications.
Chemical stability:	Stable if used according to specifications.
Hazardous reactions:	No information available. Unknown.
Conditions to avoid:	No information available.
Incompatible materials:	No information available.
Hazardous decomposition products:	None if stored and handled according to specifications.

11. Toxicological Information

Information on Toxicological Effects

No acute toxicity data on product.

Irritant effect on eyes:	The dust particles can cause mechanical irritation.
Inhalation:	Avoid inhalation of dust.
Reproductive toxicity:	No negative effects.
Carcinogenicity:	No negative effects.
Mutagenicity:	No data available.
Specific target organ toxicity (STOT):	No data available.

Further toxicological effects: No toxicological data available.

12. Ecological Information

Persistency and Degradability:	No information available.
Bioaccumulation:	The product is not hazardous to the the aquatic system.
Mobility:	No information available.
<i>Ecological effects</i>	
Aquatic toxicity:	No information available.

Further ecological effects: No ecological data available.
No ecological problems expected.

Further information

Water hazard class: Not hazardous.

13. Disposal Considerations

Waste Treatment Methods

Product: Dispose of according to official national and local regulations.

Uncleaned packaging: Dispose of according to official local regulations.

14. Transport Information

Further information:

Further Information: Not classified as a dangerous good under transport regulations.

15. Regulatory Information

Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

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Water hazard class: 0, not hazardous (self-assessment)

Chemical Safety Assessment

Chemical safety assessment: A Chemical Safety Assessment has not been carried out for this product.

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 be therefore not be construed as guaranteeing specific properties.