



ULTRAMARINEBLUE

SAFETY DATA SHEET

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

- * **Trade name** : Ultramarine Blue , Nubix , Nubiperf , Nubiflow, Nubicoat
- * **Chemical description** : Blue sodium polysulfide aluminosilicate sodalite-type
- REACH nr.** : 01-2119488928-13

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use : Colouring agents, pigments.

1.3. Details of the supplier of the safety data sheet

E & R B.V. , Stoomloggerweg 1 / 3133 KT Vlaardingen / 0031 104601544

Email : sales@EandR.nl

1.4. Emergency telephone number

N.V.I.C. - 030-2748888

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No 1272/2008 (CLP/GHS))

Not classified.

2.2. Label elements

Labelling (Regulation (EC) No 1272/2008 (CLP/GHS))

Not classified.

2.3. Other hazards

Other hazards : The substance does not fulfil the criteria to be identified as PBT or vPvB substance according to Annex XIII of Regulation REACH.

3. Composition/information on ingredients

Substance / Mixture : Substance.
Blue sodium polysulfide aluminosilicate sodalite-type
Pigment Blue 29, CI 77007
(Former CAS n°: 101357-30-6)
CAS No :57455-37-5
EC No :309-928-3
Index No :---
REACH Ref. :01-2119488928-13

Hazardous component(s) : This product is not hazardous.



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3. Composition/information on ingredients (continued)

Composition

Substance name	Contents	CAS No	EC No	Index No	REACH Ref.	Classification
Blue sodium polysulfide aluminosilicate sodalite-type Pigment Blue 29, CI 77007 (Former CAS n°: 101357-30-6)	:	57455-37-5	309-928-3	---	01-2119488928-13	Not classified (DSD/DPD) ----- Not classified (GHS)

Contains no other components or impurities which will influence the classification of the product.

4. First aid measures

4.1. Description of first aid measures

- Inhalation** : Assure fresh air breathing. Allow the victim to rest.
- Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- Ingestion** : Do not induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms relating to use** : Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed

- General information** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

5. Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media** : Foam. Water spray. Dry powder. Carbon dioxide. Sand.
- Unsuitable extinguishing media** : Do not use a heavy water stream.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.

5.2. Special hazards arising from the substance or mixture

- Hazardous combustion products** : Under fire conditions, hazardous fumes will be present.

5.3. Advice for fire-fighters

- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.



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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For emergency responders : Ventilate area. Equip cleanup crew with proper protection.
Special precautions : Recover the cleaning water for later disposal.
For non-emergency personnel : Evacuate unnecessary personnel.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods : Ventilate area. On land, sweep or shovel into suitable containers. Minimize generation of dust.

6.4. Reference to other sections

See section 8. Exposure controls/personal protection

7. Handling and storage

7.1. Precautions for safe handling

Handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
Technical protective measures : Provide adequate ventilation to minimize dust and/or vapour concentrations.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep only in the original container in a cool, dry, well-ventilated place. Keep container closed when not in use. Storage temperature: 0 - 50 °C.
Storage - away from : Strong acids. Strong bases.

7.3. Specific end use(s)

Specific end use(s) : No data available.

8. Exposure controls / personal protection

8.1. Control parameters

Occupational Exposure Limits : TLV: 15 mg/m³ (Total dust)
Non-occupational exposure standards have been developed for this material.

8.2. Exposure controls

Personal protection : Avoid all unnecessary exposure.
• Respiratory protection : Where excessive dust may result, wear approved mask. EN 149
• Hand protection : In case of repeated or prolonged contact wear gloves.
• Eye protection : Chemical goggles or safety glasses.



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8. Exposure controls / personal protection (continued)

- Others : Do not eat, drink or smoke when using this product.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state at 20 °C	: Powder.
Colour	: Blue.
Odour	: Odourless.
Odour threshold	: Not applicable.
pH	: 6 - 9 (10% w/w) [ASTM D-1208-78]
Melting point [°C]	: > 1000 °C
Critical temperature [°C]	: Not applicable.
Auto-ignition temperature [°C]	: Not applicable.
Flammability (solid, gas)	: Not flammable. [UN Test 1]
Flash point [°C]	: Not applicable.
Boiling point [°C]	: Not applicable. (Solid)
Evaporation rate	: Not applicable.
Vapour pressure [20°C]	: Not applicable.
Vapour density	: Not applicable.
Density at 20°C [g/cm ³]	: 2.35 g/cm ³ [ASTM D-153-82]
Solubility in water	: Insoluble.
Log Pow octanol / water at 20°C	: Not applicable. (Inorganic substance).
Viscosity at 40°C [mm ² /s]	: Not applicable. (Solid)
Explosive properties	: Not explosive.
Oxidising properties	: Not oxidizing.

10. Stability and reactivity

10.1. Reactivity

Reactivity : Stable under normal conditions.

10.2. Chemical stability

Chemical stability : Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

10.4. Conditions to avoid

Conditions to avoid : At temperatures above 400°C in the presence of air, Sulphur Dioxide (SO₂) gas can be released.

10.5. Materials to avoid

Materials to avoid : Strong acids. Strong bases.



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10. Stability and reactivity (continued)

10.6. Hazardous decomposition products

Hazardous decomposition products : At temperatures above 400°C in the presence of air, Sulphur Dioxide (SO₂) gas can be released. Hydrogen Sulphide may be released in contact with acids. (Not resistant grades).

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity

- Ingestion : Based on available data, the classification criteria are not met.
- LD50 (oral, rat) [mg/kg] : > 10000 mg/kg

Irritation : Non-irritating.

Sensitization : No sensitizing potential.

Mutagenicity : No experimental or epidemiological evidence exists.

Carcinogenicity : No experimental or epidemiological evidence exists.

Reproductive toxicity : No experimental or epidemiological evidence exists.

Specific target organ toxicity (STOT) : No experimental or epidemiological evidence exists.
– single exposure

Specific target organ toxicity (STOT) : No experimental or epidemiological evidence exists.
– repeated exposure

Aspiration hazard : Not applicable.

12. Ecological information

12.1. Toxicity

Acute toxicity

- LC50 96 h - Fish [mg/L] : > 32000 mg/L

12.2. Persistence - degradability

Persistence - degradability : Not applicable.

12.3. Bioaccumulative potential

Bioaccumulative potential : Not applicable.

12.4. Mobility in soil

Mobility in soil : Not applicable.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment: The substance does not fulfil the criteria to be identified as PBT or vPvB substance according to Annex XIII of Regulation REACH.

12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.



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12. Ecological information (continued)

WGK (Germany) : 1

13. Disposal considerations

13.1. Waste treatment methods

General : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

14.1. Land transport (ADR-RID)

General information : Not regulated.

14.2. Sea transport (IMDG)

General information : Not regulated.

14.3. Air transport (ICAO-IATA)

General information : Not regulated.

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Safety, health and environmental regulations/legislation specific for the substance or mixture : Ensure all national/local regulations are observed.

REACH Restrictions - Annex XVII : None.

REACH Authorisation - Annex XIV : None.

15.2. Chemical Safety Assessment

Chemical Safety Assessment : It has been carried out.

16. Other information

Revision : Revision - See : *

Sources of key data used : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Recommended uses and restrictions : See product bulletin for detailed information.

Further information : Application: Coloration of plastics, paper, soaps, paints, cosmetics, food contact packaging, artist colours, etc.

The contents and format of this safety data sheet are in accordance with REACH Regulation (EC) No 1907/2006 and Regulation (EU) No 453/2010.



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