

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



45100 Ultramarine Violet, medium

Page 1

Revised edition: 19.11.2019

Version: 6

Printed: 20.05.2020

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

1.1. Product Identifier

Product Name: Ultramarine Violet, medium

Article No.: 45100

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

Identified uses:

Synthetic pigment for dyeing industrial products.

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.com

E-Mail: info@kremer-pigmente.com

Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

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

Possible Environmental Effects:

2.2. Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

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

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

2.3. Other Hazards

Like with all mineral powders, long-term contact can cause respiratory problems.

Contact with acids releases hydrogen sulfide, an easily flammable

next page: 2

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



45100 Ultramarine Violet, medium

Page 2

Revised edition: 19.11.2019

Version: 6

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and very toxic gas.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Sodium-aluminium-sulfo-silicate. Pigment Violet 15, C.I. 77007

Information on Components / Hazardous Ingredients:

Sodium aluminosilicate violet, Pigment Violet 15, C.I. 77007; REACH Reg. No. 01-2119917334-42	80 - 100 %	CAS-Nr: 12769-96-9 EINECS-Nr: 235-811-0 EC-Nr:
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Kaolin	0 - 20 %	CAS-Nr: 1332-58-7 EINECS-Nr: 310-194-1 EC-Nr:
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Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Seek medical attention in case of complaints.

After inhalation:

Take affected person to fresh air.

After skin contact:

*Wash with soap and rinse with plenty of water.
If symptoms persist, consult a physician.*

After eye contact:

*Rinse eyes with water.
Seek medical attention if irritation persists.*

After ingestion:

*Do not induce vomiting.
Rinse mouth with water and drink plenty of water.
If symptoms persist, call a physician.
Never give anything by mouth to an unconscious person.*

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

*Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.
Skin contact: prolonged contact with dust may cause skin irritation and dry skin.
Eye contact: may be slightly irritating to eyes.*

Effects:

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

No special first-aid measures necessary.

next page: 3

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



45100 Ultramarine Violet, medium

Page 3

Revised edition: 19.11.2019

Version: 6

Printed: 20.05.2020

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Use extinguishing media for surrounding fire.

Unsuitable extinguishing media:

Water with full jet.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

In case of fire: formation of sulfur dioxide.

Avoid the inhalation of smoke and vapors.

5.3. Advice for Firefighters

Protective equipment:

Wear positive pressure self-contained breathing apparatus (SCBA).

Wear suitable protective clothing.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Wear protective clothing.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soils, drains and surface water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Take up mechanically and collect in suitable containers for disposal.

Avoid dust formation.

6.4. Reference to other Sections

Protective clothing, see Section 8.

Dispose of contaminated material according to Section 13.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid formation and deposition of dust. Provide adequate ventilation.

Provide adequate ventilation.

Hygienic measures:

Keep away from foodstuffs and drinks.

Wash hands at the end of work. Preventive skin protection recommended.

next page: 4

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



45100 Ultramarine Violet, medium

Page 4

Revised edition: 19.11.2019

Version: 6

Printed: 20.05.2020

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a cool and well ventilated location.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

Do not store together with: acids and alkalis.

Storage class:

No information available.

Further Information:

7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

none known

Parameters to be controlled:

VME (FR): 10 mg/m³ inhalable fraction

VME (FR): 5 mg/m³ airborne fraction

Derived No-Effect Level (DNEL):

No values available.

Predicted No-Effect Concentration (PNEC):

No values available.

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation.

Personal Protection

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.

Respiratory protection:

Required in case of insufficient ventilation.

Hand protection:

Protective gloves recommended in case of prolonged or repeated contact.

Protective glove material:

next page: 5

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



45100 Ultramarine Violet, medium

Page 5

Revised edition: 19.11.2019

Version: 6

Printed: 20.05.2020

Eye protection:

Safety glasses (EN 166)

Body protection:

Protective clothing.

Environmental precautions:

Insoluble in water.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: powder

Color: violet

Odor: odorless

Odor threshold:

No information available.

pH-Value: 7 - 9 (10 %)

Melting temperature:

not available

Boiling temperature:

not available

Flash point:

not flammable

Evaporation rate:

not applicable

Flammability (solid, gas):

not easily flammable

Upper explosion limit:

no information available

Lower explosion limit:

no information available

Vapor pressure:

not applicable

Vapor density:

No information available.

Density: 2.35 g/m³

Solubility in water: insoluble

Coefficient of variation (n-Octanol/Water):

no information available

Auto-ignition temperature:

not applicable

Decomposition temperature:

> 400°C (750°C)

next page: 6

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



45100 Ultramarine Violet, medium

Page 6

Revised edition: 19.11.2019

Version: 6

Printed: 20.05.2020

Viscosity, dynamic:

not applicable

Explosive properties:

Product does not present an explosion hazard.

Oxidizing properties:

No information available.

Bulk density:

not determined

9.2. Further Information

Solubility in solvents:

Insoluble in organic solvents.

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

10. Stability and Reactivity

10.1. Reactivity

Loss of sulphur above 400°C.

10.2. Chemical Stability

This product is extremely stable up to 260°C.

10.3. Possibility of Hazardous Reactions

Reacts with acids: development of hydrogen sulfide.

10.4. Conditions to Avoid

Conditions to avoid:

Protect from heat.

Thermal decomposition:

> 400°C

10.5. Incompatible Materials

Acids

10.6. Hazardous Decomposition Products

*Hydrogen sulfide in case of contact with strong acids.
Sulphur dioxide in case of fire.*

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral:

No information available.

next page: 7

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



45100 Ultramarine Violet, medium

Page 7

Revised edition: 19.11.2019

Version: 6

Printed: 20.05.2020

LD50, dermal:

No information available.

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

Non irritating

Irritant effect on eyes:

No information available.

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

No sensitizing effects known.

Mutagenicity:

Not mutagenic.

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Additional toxicological information:

12. Ecological Information

12.1. Aquatic Toxicity

Fish toxicity:

LC50: > 32000 mg/kg (96h)

Daphnia toxicity:

EC50: > 90 % (24h, Daphnia magna)

Bacteria toxicity:

no information available

Algae toxicity:

No information available.

12.2. Persistency and Degradability

Not readily biodegradable.

12.3. Bioaccumulation

Low bioaccumulation due to the low solubility of the product.

next page: 8

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



45100 Ultramarine Violet, medium

Page 8

Revised edition: 19.11.2019

Version: 6

Printed: 20.05.2020

12.4. Mobility

Product is not water soluble.

12.5. Results of PBT- und vPvP Assessment

This product is neither a PBT or vPvB substance nor does it contain a PBT or vPvB substance.

12.6. Other Adverse Effects

Water hazard class:

1, slightly hazardous

Behaviour in sewage systems:

Further ecological effects:

Not considered to be environmentally harmful.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Dispose of according to official national and local regulations. Ultramarines cannot be disposed of were contact with acids is possible.

European Waste Code (EWC):

Uncleaned packaging:

Contaminated packaging must be disposed like the substance.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR (land transportation).

IMDG/IATA:

No hazardous goods according to IMDG.

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

Hazard no.:

EmS No.:

next page: 9

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



45100 Ultramarine Violet, medium

Page 9

Revised edition: 19.11.2019

Version: 6

Printed: 20.05.2020

IATA Class:

not applicable

Hazard no.:

14. 4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14. 5. Environmental Hazards

None

14. 6. Special Precautions for User

none known

14. 7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

not applicable

14. 8. Further Information

15. Regulatory Information

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

Water hazard class:

1, slightly hazardous for water (German Regulation)

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Keep away from acids.

Technical instructions on air quality:

15. 2. Chemical Safety Assessment

A Chemical Safety Assessment is not necessary for this product.

15. 3. Further Information

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.