Material Safety Data Sheet

Pigment Violet 23

1. Identification

Product identifier used on the label

Pigment Violet 23

Recommended use of the chemical and restriction on use

Recommended use*: Intermediate (isolated); Intermediate; colouring component

Details of the supplier of the safety data sheet

Company:
Dongguan Baoxu Chemical Technology.,ltd.

Caijin Business Bldg DongGuan CN 523071

+86 0769 22821082 Fax 86 0769 22821083

www.additivesforpolymer.com

info@additivesforpolymer.com

Emergency telephone number

Other means of identification

Chemical family: colouring component

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200 Classification of the product

Combustible Dust Combustible Dust (1) Combustible Dust

Label elements

Signal Word:

Warning

Hazard Statement:

May form combustible dust concentration in air.

Hazards not otherwise classified

The product is under certain conditions capable of dust explosion.

3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

This product does not contain any components classified as hazardous under the referenced regulation.

4. First-Aid Measures

Description of first aid measures

General advice:
Remove contaminated clothing.

If inhaled:
If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

If on skin:
Wash thoroughly with soap and water.

If in eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

If swallowed:
Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

Note to physician
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures Extinguishing media

Suitable extinguishing media: dry powder, foam

Unsuitable extinguishing media for safety reasons: carbon dioxide

Additional information:
Avoid whirling up the material/product because of the danger of dust explosion.

Special hazards arising from the substance or mixture
Hazards during fire-fighting: harmful vapours
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Advice for fire-fighters
Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:
Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Use personal protective clothing.

Environmental precautions
Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/ground water.

Methods and material for containment and cleaning up
For small amounts: Pick up with suitable appliance and dispose of.
For large amounts: Contain with dust binding material and dispose of.
Avoid raising dust.

7. Handling and Storage

Precautions for safe handling
Breathing must be protected when large quantities are decanted without local exhaust ventilation. Closed containers should only be opened in well-ventilated areas.
Protection against fire and explosion:
Avoid dust formation. Take precautionary measures against static discharges.
Dust can form an explosive mixture with air.
Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.
Avoid all sources of ignition: heat, sparks, open flame.

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8. Exposure Controls/Personal Protection

Does not contain components with substance specific occupational exposure limits.

Personal protective equipment Respiratory protection:
Wear a NIOSH-certified (or equivalent) particulate respirator.
Observe OSHA regulations for respirator use (29 CFR 1910.134).
Hand protection:
Chemical resistant protective gloves

Eye protection:

Safety glasses with side-shields. Wear face shield if splashing hazard exists.

Body protection:

Working clothes., Closed footwear.

General safety and hygiene measures:
Handle in accordance with good industrial hygiene and safety practice. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Eye wash fountains and safety showers must be easily accessible.

9. Physical and Chemical Properties

Form:	powder	
Odour:	odourless not	
Odour threshold:	determined	
Colour: pH value:	violet	
Melting point:	approx. 5.5 - 8.5 (as suspension)	
Boiling point:		
Flash point:	> 300 °C not applicable	
Flammability:		(UN Test N.1 (ready
Lower explosion limit:	Study does not need to be conducted. not highly flammable	
Upper explosion limit:		
Autoignition:	For solids not relevant for classification and labelling.	
Vapour pressure:	For solids not relevant for classification and labelling. not determined not applicable 1.5 g/cm3 No data available.	
Density:		
Relative density:		
Bulk density:	363 kg/m3 (20 °C)	
Vapour density:	The product is a non-volatile solid.	
Partitioning coefficient n- octanol/water (log	Study does not need to be 200 °C	(VDI 2263, sheet 1, 1.4.1)

Thermal decomposition: 170 °C, 40 kJ/kg (DSC (DIN 51007))

Viscosity, dynamic:	295 °C, 310 kJ/kg (DSC (DIN 51007))
Particle size:	Study does not need to be
Solubility in water:	conducted.
Solubility	No data available.
(quantitative):	insoluble
Evaporation rate:	insoluble
	The product is a non-volatile solid.

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties: not fire-propagating

Minimum ignition energy:
Grain size distribution: < 63 (jm (VDI 2263, sheet 1, 2.1.1)
The product is capable of dust explosion.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

Dust explosion hazard.

Conditions to avoid

Avoid dust formation. Avoid deposition of dust. Avoid sources of ignition. Avoid electro-static discharge.

Incompatible materials

strong oxidizing agents, strong bases, strong acids

Hazardous decomposition products

Decomposition products:
Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:
170 °C, 2.5 K/min (DSC (DIN 51007))

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Primary routes of entry Ingestion.
Inhalation.
Skin

Eyes

Acute Toxicity/Effects

Acute toxicity
Assessment of acute toxicity: Virtually nontoxic after a single skin contact. Virtually nontoxic by
inhalation. Virtually nontoxic after a single ingestion.

Oral
Type of value: LD50
Species: rat
Value: > 5,000 mg/kg
The product has not been tested. The statement has been derived from the properties of the individual components.

Inhalation
Type of value: LC50
not determined

Dermal
Type of value: LD50
Study scientifically not justified. The statements are based on the properties of the individual components.

Assessment other acute effects
Assessment of STOT single:
Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

The product has not been tested. The statement has been derived from the properties of the individual components.

Irritation / corrosion
Assessment of irritating effects: May cause slight irritation to the skin. May cause slight irritation to
the eyes. The product has not been tested. The statement has been derived from the properties of the individual components.

Sensitization
Assessment of sensitization: Skin sensitizing effects were not observed in animal studies. The product has not been tested. The statement has been derived from the properties of the individual components.

Aspiration Hazard
not applicable

Chronic Toxicity/Effects

Repeated dose toxicity
Assessment of repeated dose toxicity: Repeated oral uptake of the substance did not cause substance-related effects. The product has not been tested. The statement has been derived from the properties of the individual components.

Genetic toxicity
Assessment of mutagenicity: Mutagenicity tests revealed no genotoxic potential. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Assessment of carcinogenicity: None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.

Reproductive toxicity

Assessment of reproduction toxicity: No data available.

Teratogenicity

Assessment of teratogenicity: No data available.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:
At the present state of knowledge, no negative ecological effects are expected. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

Toxicity to fish
LC50 (96 h), Fish
not determined

Aquatic invertebrates LC50 (48 h), daphnia not determined

Aquatic plants
EC50 (72 h), algae
not determined

Chronic toxicity to fish No data available.

Chronic toxicity to aquatic invertebrates No data available.

Microorganisms/Effect on activated sludge

Toxicity to microorganisms activated sludge/EC20 (3 h): > 100 mg/l
The product has not been tested. The statement has been derived from the properties of the individual components.

Bioaccumulative potential

Assessment bioaccumulation potential
Significant accumulation in organisms is not to be expected.
The product has not been tested. The statement has been derived from the properties of the individual components.

Mobility in soil

Assessment transport between environmental compartments
The substance will not evaporate into the atmosphere from the water surface.
Adsorption to solid soil phase is not expected.
The product has not been tested. The statement has been derived from the properties of the individual components.

Additional information

Adsorbable organically-bound halogen (AOX):
The product contains according to the formulation, organically bound halogen. It can increase the AOX-value in the water purification plants overflow or if it reaches waters.

13. Disposal considerations

Waste disposal of substance:
Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with national, state and local regulations.

Container disposal:
Dispose of in accordance with national, state and local regulations. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

14. Transport Information

Land transport

Not classified as a dangerous good under transport regulations

Sea transport
IMDG

Not classified as a dangerous good under transport regulations

Air transport
IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

Federal Regulations

Registration status:

EPCRA 311/312 (Hazard categories): Fire (Combustible Dust);

NFPA Hazard codes:
Health : 1 Fire: 1 Reactivity: 0 Special: **HMIS III rating**
Health: 1 Flammability: 1 Physical hazard: 0

16. Other Information

SDS Prepared by:

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production,