



Guangzhou Mei Dan Titanium Dioxide Co., Ltd.

Address: 705, C3, PanShan Advanced Business Park, No.537 North of panyu avenue, Guangzhou, China

Tel: +86-020-39922058 Mobile : +86-18520230133 Skype:judy.md93

Email: sales01@md939.com Website: www.mdpigment.com

MATERIAL SAFE DATA SHEET

Identification of the substance/preparation and the company

Company: Guangzhou Mei Dan Titanium Dioxide Co., Ltd.

Address: Room705, C3 Building, Pan Shan Advanced Business Park, No.537

North of panyu avenue, Guangzhou, China

Telephone: 86-18520230133

Fax: 86-020-39922056

Email: sales01@md939.com

Composition/information

Product name: Ultramarine blue

Model: 462B,462,463,464,465,2679

Other name: pigment blue 29

C.I NO.: P.B29

CAS number: 57455-37-5

Molecular formula: $\text{Na}_6\text{Al}_4\text{Si}_6\text{S}_4\text{O}_{20}$

Relative molecular weight: 862.558

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Physical description / Properties:

Product name	462B	462	463	464	465	2679
Morphology	Blue powder	Blue powder	Blue powder	Blue powder	Blue powder	Blue powder
Ph value	7-10	7-10	7-10	7-10	7-10	7-10
Tinting strength), % ≥	95-105	95-105	95-105	95-105	95-105	95-105
Oil absorption, g/100g	25-45	25-45	25-45	25-45	25-45	25-45
Residue on sieve (325 mesh) % ≤	0.5	0.5	1.0	1.0	1.0	1.0
Free sulphur ≤	0.3	0.15	0.1	0.1	0.1	0.1
Water soluble salt, % ≤	1.0	1.0	1.0	1.0	1.0	1.0

Stable performance and hazard response

Reaction: stabilize at normal temperature and pressure, avoid high temperature, flame, spark, moisture

Hazardous reactions: Products may contain explosive fine powders or dust produced by abrasion during transport or product transfer

Hazardous Decomposition Products: if stored and operated in accordance with regulations, no hazardous decomposition products

Toxicological data

Toxicity data: The LD50 of rats was ">5000mg/kg"



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Acute toxicity level: no other data

Acute contact: No specific data

Chronic Contact: No data available

Skin Contact: No stimulation, no data available

Hazard identification

No known special hazards.

First aid

General recommendation: remove contaminated clothing.

If inhaled: If there is discomfort after inhaling dust, move to fresh air, use bag valve mask or similar device for artificial respiration, if necessary, seek medical treatment.

SKIN CONTACT: Immediately remove the contaminated clothes and wash them thoroughly with soap and water.

EYE CONTACT: Turn over the eyelids and wash immediately with flowing water, at least 15 minutes or more.

FEEDING: Clean the mouth, and then drink a lot of water, if vomiting, keep the head lower than the buttocks, immediate medical treatment

Fire protection measures

Suitable extinguishing media: Dry extinguishing media, foam

During a big fire: use a general foam or fire-fighting flood to use the appropriate



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extinguishing agent around

Contingency measures for accidental leakage

Personal precautions: Avoid the formation of dust, wear personal protective clothing

Ambient preventive measures: collection of contaminated water/fire water, not into drains/surface water systems/underground systems

Cleaning or Collecting methods:

Few: Choose the right device to handle

Mass: contains dust absorbing materials and treatment

Processing and storage

Treatment: In accordance with all current regulations and standards, the use of respiratory protection measures is necessary when there are no large quantities of products in the local exhaust ventilation system.

Storage: Store in airtight containers and keep dry and ventilated, cool place, should with fire, heat, oxygen (oxygen, nitric acid, etc.) isolation, away from the ignition source, smoking is prohibited.

Contact control, personal protection

Exposure limit: ensure compliance with applicable contact limits

Personal protection: Clothing wear appropriate chemical resistance clothing

Eye protection: Wear-resistant and border-shaded safe eye

Hand protection: wear appropriate chemical resistance protective gloves



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Respiratory protection: Filter using air purifier

Ecological data

Persistence and biodegradability: The product does not have very good water solubility, so it can be removed by mechanical method in the proper wastewater treatment system.

Disposal considerations

Must be in accordance with local laws and regulations, can be taken waste disposal site or incineration plant incineration.

Transportation information

Land and rail transport: no dangerous goods in accordance with the rules of transport

Maritime transport: No dangerous goods in accordance with the rules of transport

Manage information

According to EC guidelines, the product does not need to put a danger warning label, comply with China's laws/regulations

Other information

This security information is based on our current knowledge and experience.

This information is provided free of charge. This information is based on our reliable technical parameters for the preparation, only for the relevant professional



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and technical personnel reference. Our technical opinions, whether verbal, written or experimental, are in good faith but not guaranteed. As a result of customer's use of our products, the final product use and production process are not our control, so we cannot assume any of the use of this information related responsibilities. The customer has the power and responsibility to test the products we supply, to verify that they are suitable for the process and use.