



MATERIAL SAFETY DATA SHEET

Issue 05/11/2005

Trade Name: **Tourmaline Powder**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Trade name: Tourmaline Powder

One kind of silicate substance with aluminum, natrium, magnesium and lithium ring structure being of containing boron for purifying air, plastic mother material, chemical fibre, sponge, non-woven, cosmetic and ornaments, etc.

Manufacturer/exporter/distributor:

Shenzhen Become Industry & Trade Co., Ltd.

Room 411 Jiazhaoye Commerce Bldg

No.7 Cuizhu Road, Luohu District

Shenzhen-518020, China

Tel: +86 755 25610926

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2. COMPOSITION/INFORMATION ON INGREDIENTS:

Item	Chemical Name	CAS Number	Content
01	Silicon Dioxide	14808-60-7	51~52.5%
02	Titanium Dioxide	13463-67-7	5~7%
03	Iron Oxide/Fe ₂ O ₃	1309-37-1	1.3~1.5%
04	Alumina/Al ₂ O ₃	1344-28-1	18.5~20%
05	Boron Oxide/B ₂ O ₃	1303-86-2	3.5~4%
06	Calcium Oxide	1305-78-7	4.2~4.7%
07	Chromic Acid/CrO ₃	1333-82-0	1.2~1.7%

Contains no substances that are detrimental to health according to EU guidelines 67/548/EWG

EXPOSURE LIMITS

ITEM	ACGIH		OSHA		COMPANY
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CELLING	TLV-TWA
01	0.1mg/m ³	N.E.	0.1mg/m ³	N.E.	N.E.
02	10mg/m ³	N.E.	15mg/m ³	N.E.	N.E.
03	5mg/m ³	N.E.	10mg/m ³	N.E.	N.E.
04	N.E.	N.E.	15mg/m ³	N.E.	N.E.
05	10mg/m ³	15mg/m ³	10mg/m ³	N.E.	N.E.



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06	N.E.	N.E.	2mg/m ³	N.E.	N.E.
07	N.E.	N.E.	0.1 mg/m ³	N.E.	N.E.

3. HAZARDS IDENTIFICATION

Non-hazardous according to EU Guidelines 88/379/EWG

4. FIRST AID MEASURES

General information:

Skin contact: No hazard. Wash thoroughly with soap and water.

Eye contact: Rinse opened eye for several minutes under running water or with eyewash. Remove any contact lenses. If irritation persists seek immediate medical attention.

Ingestion: Innocuity. If swallowed by infant or children, seek medical attention immediately.

5. FIRE-FIGHTING MEASURES

Non-flammable and not aid combustion

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: See section 8

Environmental precautions: Environmental protection

Methods for cleaning up: Clean with water, not with solvent.

7. HANDLING AND STORAGE

Handling: No hazard.

Storage: Further information about storage:

Store in dry place. Keep from raining, and avoid moisture.

Store according to local and/or national regulation.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

The product contains no materials that are workplace related, which require special supervision.

Additional information about design of technical systems:

Personal protection: No harm to human body.

9. PHYSICAL AND CHEMICAL PROPERTIES



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Appearance: Powder
Color: White, gray, light yellow
Odor: N/A
PH: 7.0~7.4
Boiling point: -
Melting point: -
Flash point: N/A
Flammability: N/A
Auto flammability: N/A
Explosive properties: N/A
Oxidizing properties: -
Vapor pressure:
Relative density:
Solubility: Insoluble
Partition coefficient: -

Other data:

D50granule size: 0.5 μ m
Specific gravity: 2.98~3.2
Specific surface area: 15.2m²/g

10. STABILITY AND REACTIVITY

Conditions to avoid: Store as recommended within storage and handling guidelines (section 7)

11. TOXICOLOGICAL INFORMATION

Innocuity and environmental protection

12. ECOLOGICAL INFORMATION

No negative effects are known.

13. DISPOSAL CONSIDERATIONS

Appropriate methods of disposal: Pay attention to moisture proof.

Product:



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Disposal of this product should be done under consultation with appropriate regulatory agencies before discharging of waste material.

Packaging: Dispose in accordance with current local/national regulations.

Recommended cleaning agent: Water

14. TRANSPORT INFORMATION

No hazardous

15. REGULATORY INFORMATION

Provisions from the EC: The product has been classified non hazardous.

Particular labeling requirements for certain preparations: None.

National regulations: None

16. OTHER INFORMATION

N.A.: not applicable

N.E.: not established

Training advice: No requirements for special training.

The information contained in the present sheet is based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.