

Product name : High Toron

## SAFETY DATA SHEET

### (S D S)

#### 1. Identification

##### Product identifier

Product name : High Toron

##### Recommended use of the chemical and restrictions on use

Recommended use : Paint, Plastics, Paper, Rubber, Pigment and Fillers

##### Manufacture / Supplier's details

Name : Takehara Kagaku Kogyo Co., Ltd

Address : Osaka-daiichiseimei Bldg. 10F, 1-8-17, Umeda, Kita-ku, Osaka, 530-0001, Japan

Phone number : +81-6-4797-1201

##### Emergency phone number

Emergency phone number : +81-6-4797-1201

#### 2. Hazards Identification

##### GHS Classification of the substance or mixture

##### Physical hazards

Flammable solids	Not classification
Oxidizing solids	Classification not possible
Corrosive to metals	Classification not possible

##### Health hazards

Acute toxicity	Classification not possible
Skin corrosion/ irritation	Classification not possible
Serious eye damage/ eye irritation	Classification not possible
Respiratory sensitizer	Classification not possible
Skin sensitizer	Classification not possible
Germ cell mutagenicity	Classification not possible
Carcinogenicity	Classification not possible
Toxic to reproduction	Classification not possible
Specific target organ toxicity following single exposure	Classification not possible
Specific target organ toxicity following repeated exposure	Category 2
Aspiration hazard	Classification not possible

##### Environmental hazards

Hazardous to the aquatic environment, short-term (acute)	Classification not possible
Hazardous to the aquatic environment, long-term (chronic)	Classification not possible
Hazard to the ozone layer	Classification not possible

##### GHS label elements, including precautionary statement

##### Pictograms or hazard symbols



Signal word(s) Warning

Hazard statement(s) May causes damage to respiratory system through prolonged or repeated exposure

##### Precautionary Statements

##### 【Prevention】

Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Do not breathe dust.  
 Wash hands thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Wear respiratory protection / hand protection / eye protection / skin and body protection.

##### 【Response】

IF ON SKIN: Wash with plenty of water and soap.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 Get medical advice / attention if you feel unwell.

If skin irritation occurs: Get medical advice / attention.  
If eye irritation persists: Get medical advice / attention.  
If exposed or concerned: Get medical advice / attention.  
Take off contaminated clothes and wash it before reuse.  
Do not take working clothes home.

**【Storage】**

Store in a well ventilated warehouse.  
Store in a closed container to prevent from absorbing moisture.

**【Disposal】**

Dispose of contents / container in accordance with local / regional / national / international regulations.

*Other hazards which do not result in classification*

Data not available

**3. Composition / information on ingredients**

Chemical identity : Hydrated Magnesium Silicate  
Common name : Talc  
CAS number : 14807-96-6

**4. First-aid measures**

*Description of necessary first-aid measures*

Inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice / attention if exposed or concerned.

Skin contact : Wash with plenty of water and soap. Get medical advice / attention if skin irritation occurs.

Eye contact : Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Get medical advice / attention if eye irritation persists.

Ingestion : Rinse mouth with water. Get Medical advice / attention if you feel unwell.

*Most important symptoms / effects, acute and delayed*

Repeated or prolonged inhalation of dust particles may cause effects on the lungs.

**5. Fire-fighting measures**

*Suitable (and unsuitable) extinguishing media*

Suitable extinguishing media : Not combustible. In case of fire in the surroundings, use appropriate extinguishing media.

Unsuitable Extinguishing Media : Straight water stream.

*Specific hazards arising from the chemical*

Not combustible

*Special protective actions for fire-fighters*

Fire fighters should wear protective clothes, including self-contained breathing apparatus.

**6. Accidental release measures**

*Personal precautions, protective equipment and emergency procedures*

Prevent dispersion of dust. Use local exhaust or respiratory protection.

Keep unnecessary persons away.

Wear of suitable protective equipment (including personal protective equipment, see Section 8 of the SDS) .

*Environment precautions*

Prevent entry into soil, drains and waterways.

*Methods and materials for containment and cleaning up*

Sweep spilled substances into covered containers. If appropriate, moisten first to prevent dusting. Personal protection: particulate filter respirator adapted to the airborne concentration of the substances.

**7. Handling and storage**

*Precautions for safe handling*

Wear of suitable protective equipment and use local exhaust (see Section 8 of the SDS) .

Prevent dispersion of dust.

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

*Conditions for safe storage, including any incompatibilities*

Store in a well ventilated warehouse. Store in a closed container to prevent from absorbing moisture.

Store in accordance with local / regional / national / international regulations.

**8. Exposure controls / personal protection***Control parameters*

Exposure Limit Values : TLV(repirable fraction) : 2mg/m<sup>3</sup> as TWA (ACGIH 2012)

*Appropriate engineering controls*

Use local exhaust ventilation

*Individual protection measures, such as personal protective equipment(PPE)*

Respiratory protection : Particulate filter respirator adapted to the airborne concentration of the substances.

Hand protection : Protective gloves

Eye protection : Safety Eyewear

Skin and body protection : Protective clothes (with long sleeves) and boots

**9. Physical and chemical properties**

Appearance	White powder
Odor	Odorless
pH	7.0-11.0 (10%, 20°C)
Melting point / freezing point	Data not available
Initial boiling point and boiling range	Data not available
Flash point	Not combustible
Flammability (solid, gas)	Not combustible
Relative density	2.0 - 3.0 g/cm <sup>3</sup>
Solubility	Insoluble
Auto-ignition temperature	Not combustible
Decomposition temperature	More than 900°C

**10. Stability and reactivity**

Reactivity : Stable under normal conditions

Possibility of hazardous reactions : Data not available

Conditions to avoid : Keep at temperature over 900°C. Contact with incompatible materials

Incompatible materials : Data not available

Hazardous decomposition products : Data not available

**11. Toxicological information**

Acute toxicity : Data not available

Skin corrosion / irritation : Data not available

Serious eye damage / irritation : Dust may cause irritation due to mechanical action. But this product is judged as "Classification not possible" due to lack of sufficient information for classifying.

Respiratory or skin sensitization : Data not available

Germ cell mutagenicity : Data not available

Carcinogenicity : A4(not classifiable as a human carcinogen)(ACGIH)

Reproductive toxicity : Data not available

STOT-single exposure : May cause mechanical irritation. But this product is judged as "Classification not possible" due to lack of sufficient information for classifying.

STOT-repeated exposure : Repeated or prolonged inhalation of dust particles may cause effects on the lungs. This may result in pneumoconiosis.(ICSC) "Category 2"

Aspiration hazard : Data not available

Other information : A harmful concentration of airborne particles can be reached quickly.

**12. Ecological information**

Toxicity : Data not available. Not soluble in water.

Persistence and degradability : Data not available

Bioaccumulative potential : Data not available

Mobility in soil : Data not available. Not soluble in water.

Other adverse effects : Not expected to be hazardous to the environment.

**13. Disposal considerations**

Dispose of contents / container in accordance with local / regional / national / international regulations.

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Revised : Sep. 1st, 2016 Ver.2.0

**14. Transport information**

UN Model Regulations : Not regulated

Environmental hazards : Marine pollutant - Not regulated

Special precautions for user : Transport in accordance with all local / regional / national / international regulations.

**15. Regulatory information**

International inventories

TSCA (US)	Talc
EINECS(ELINCS) (EC)	238-877-9 (Talc)
ENCS(MITI) (Japan)	-

Comply with all local / regional / national / international regulations to the storage, handling, dispensing and disposal of the substances.

**16. Other information**

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The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of any properties of the product.