

# Material Safety data sheet

Revision date: 5-april-2018

## 1. PRODUCT AND COMPANY IDENTIFICATION

- a) Product Name: Super Bonder
- b) Recommended use of the chemical and restrictions on use : Adhesion Promotor
- c) Manufacturer/Supplier/Distributor Information
  - Name: Hebei Yu Mou Commerce Co., Ltd.
  - Address : tongxing building,haihe road,high-tech zone,shijiazhuang,hebei,china
  - Emergency phone number: +86-18032283558

## 2. HAZARDS IDENTIFICATION

- a) Hazard-Risk Classification:  
Skin Corrosion/Irritation : Category 2 Eye Corrosion/Irritation : Category 2
- b) Label elements including precautionary statements ◦Symbol
  - Signal Word : Warning
  - Hazard-Risk Statement  
H315: Causes skin irritation  
H319: Causes serious eye irritation  
H413 May cause long lasting harmful effects to aquatic life
  - Precautionary Statement
    - Prevention precautionary statements  
  
P264 Wash ... thoroughly after handling  
P273 Avoid release to the environment  
P280 Wear protective gloves/protective clothing/eye protection/face protection
    - Response precautionary statements  
P302+P352 IF ON SKIN: Wash with soap and water  
  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
    - Storage precautionary statements Not applicable, Not available

-Disposal precautionary statements  
P501 Dispose of contents/container to ...

c) Other hazards that do not list under the category : No data available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS No.	Content (%)
Di -water	7732-18-5	20
Ethyl alcohol	64-17-5	40
Titanate L12	110438-25-0	20
Alkoxysilane	2530-87-2	17
Sodium gluconate	527-07-1	3

### 4. FIRST AID MEASURES

a) Eye contact

Wash eyes immediately with large amounts of water. Get medical attention immediately.

b) Skin contact

Wash with mild soap and water. If irritation occurs, get medical attention. If clothing is contaminated, remove and wash before reuse.

c) Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician

d) Ingestion

If conscious, give plenty of water to drink. Get medical attention.  
If unconscious, do not give anything to drink. Get immediate medical attention.

e) Indication of immediate medical attention and notes for physician

### 5. FIRE-FIGHTING MEASURES

a) Suitable (and unsuitable) extinguishing media

: water, water spray, foam, carbon dioxide(CO<sub>2</sub>), dry powder.

b) Specific hazards arising from the chemical : Not applicable

c) Special protective equipment and precautions for fire-fighters : Not applicable

## 6. ACCIDENTAL RELEASE MEASURES

- a) Personal precautions, protective equipment and emergency procedures Put on appropriate personal protective equipment  
Stop leak if without risk
- b) Environmental precautions and protective procedures  
Do not allow product to enter drains. Prevent further spillage if safe.
- c) Methods and materials for containment and cleaning up  
Dilute with water and mop up if water-soluble or absorb with an inert dry material

## 7. HANDLING AND STORAGE

- a) Precautions for safe handling  
Avoid contact with eyes, skin and clothing.
- b) Conditions for safe storage (including any incompatibilities) Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- a) Control parameters (e.g. occupational exposure limit values, biological limit values) : No exposure limit value known
- b) Appropriate engineering controls : Not applicable c) Personal protective equipment : Not applicable

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- a) Appearance (physical state, color etc) : Form – Liquid, Color – Colorless~light yellow b) Odour : Mild odor
- c) Odour threshold : No data available.
- d) pH : No data available.
- e) Melting point/freezing point : No data available.
- f) Initial boiling point and boiling range : No data available. g) Flashing point : No data available.
- h) Evaporation rate : Not applicable
- i) Flammability (solid, gas) : Non-combustible
- j) Upper/lower flammability or explosive limits : No data available. k) Vapor pressure : No data available.
- l) Solubility : Water soluble
- m) Vapor density : No data available.
- n) Density : No data available.
- o) Partition coefficient: n-octanol/water : No data available
- p) Auto-ignition temperature : No data available

- q) Decomposition temperature : No data available
- r) Viscosity : No data available
- s) Formula mass : No data available

## 10. STABILITY AND REACTIVITY

- a) Chemical stability and possibility of hazardous reactions – Stable under recommended storage conditions
- b) Hazardous Polymerization
  - Under normal conditions of storage and use, hazardous polymerization will not occur
- c) Incompatible materials
  - Reactive or incompatible with the following materials: oxidizing materials, Strong alkaline
- d) Hazardous decomposition products : – carbon oxides (CO, CO<sub>2</sub>, etc)

## 11. TOXICOLOGICAL INFORMATION

General toxicological information : No data available

Acute toxicity

- Oral : No data available
- Dermal : No data available
- Inhalation : No data available

Irritation

- Skin : May cause irritation to eyes and skin

– Eye damage/eye irritation : May cause irritation to eyes and skin Respiratory sensitization : No data available

Skin sensitization : No data available

Carcinogenicity : No data available

Germ Cell Mutagenicity : No data available

Reproductive toxicity : No data available

Specific target organ toxicity (single exposure) : No data available Specific target organ toxicity (repeated exposure): No data available Aspiration hazard : No data available

## 12. ECOLOGICAL INFORMATION

- a) Aquatic and terrestrial ecotoxicity : No data available b) Persistence and degradability : No data available
- c) Bioaccumulative potential : No data available
- d) Mobility in soil : No data available
- e) Other adverse effects : No data available

## 13. DISPOSAL CONSIDERATIONS

a) Waste treatment methods : Not applicable

#### 14. TRANSPORT INFORMATION

a) UN number : Not regulated

b) UN proper shipping name : Not regulated c) Transport hazard class : Not regulated

d) Packing group (if applicable) : Not regulated

#### 15. REGULATORY INFORMATION

This product is not a hazardous article and need not to be labelled according to EC-Directives as amended

Inventory status :

TSCA(USA) : Complies with all applicable rules or orders under TSCA. All components listed on inventory..

All components listed on inventory.

DSL(Canada) : All components listed on inventory

ALCS(Australia) : All components listed on inventory

ECL(Korea) : All components listed on inventory

#### 16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, Information and belief at the date of its publication.

The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text. Please consult your local sales representative for any further information.