

# MATERIAL SAFETY DATA SHEET

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## Section 1 - Product and Company Information

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Product Name	TAISAP <sup>®</sup> BC-283 Series
Chemical Name	Crosslinked Sodium Polyacrylate
Company	Formosa Plastics Corp.
Address	105, 4F 201 Tung Hwa N. Rd. Taipei Taiwan
Technical Phone:	886 2 27122211
Emergency Phone:	886 5 37721111 Ext. 161
Fax:	886 5 3770775

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## Section 2 - Composition/Information on Ingredient

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Substance Name:	CAS # 9003-04-7
Superabsorbent polymer,	

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## Section 3 - Hazards Identification

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The product when wet renders surfaces extremely slippery.  
The product swells in water.

CAUTION!  
May cause eye and skin irritation.

HMIS RATING  
HEALTH: 0  
FLAMMABILITY: 0  
REACTIVITY: 0

NFPA RATING  
HEALTH: 0  
FLAMMABILITY: 0  
REACTIVITY: 0

Hazard Scale: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious,  
4=Severe \*=Chronic Hazard

For additional information on toxicity, please refer to Section 11.

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#### Section 4 - First Aid Measures

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##### ORAL EXPOSURE

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

##### INHALATION EXPOSURE

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

##### DERMAL EXPOSURE

In case of contact, immediately wash skin with soap and copious amounts of water.

##### EYE EXPOSURE

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

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#### Section 5 - Fire Fighting Measures

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FLASH POINT: N/A

AUTOIGNITION TEMP: N/A

FLAMMABILITY: N/A

##### EXTINGUISHING MEDIA:

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

##### FIREFIGHTING:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazard(s): Slippery condition are created if it comes with water.

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#### Section 6 - Accidental Release Measures

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PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

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Section 7 - Handling and Storage

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HANDLING

User Exposure: Avoid inhalation. Avoid contact water. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE

Suitable: Keep tightly closed. Store in a cool dry place.

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Section 8 - Exposure Controls / PPE

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ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Government approved respirator.  
Hand: Compatible chemical-resistant gloves.  
Eye: Chemical safety goggles.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling. Wash contaminated clothing before reuse.

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Section 9 - Physical/Chemical Properties

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Appearance/Odor: White Odorless Powder

pH: 5.5-6.5

Water Content < 7%

Bulk Density: 560~700 g/L

Solubility in water: Insoluble

Vapor Pressure: N/A  
Boiling Point: N/A  
Melting Point: N/A  
Freezing Point: N/A  
Molecular Weight: N/A  
Solvent Content: N/A  
VOC Content: N/A  
Saturated Vapor Conc. : N/A  
Evaporation Rate: N/A  
Viscosity: N/A  
Decomposition Temp. : N/A  
Flash Point: N/A  
Explosion Limits: N/A  
Flammability: N/A  
N/A = not available

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## Section 10 - Stability and Reactivity

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### STABILITY

This material is chemically stable under normal and anticipated storage and handling conditions.  
Materials to Avoid: Strong oxidizing agents.

### HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Nature of decomposition products not known.

### HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur

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## Section 11 - Toxicological Information

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### ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.  
Inhalation: Material may be irritating to mucous membranes and upper respiratory tract.  
Multiple Routes: May be harmful by inhalation, ingestion, or skin absorption.  
This product is non-toxic and non-hazardous. Acute oral LD50>5g/kg

#### SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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#### Section 12 - Ecological Information

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Ecological injuries are not known or expected under normal use.

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#### Section 13 - Disposal Considerations

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APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION  
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

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#### Section 14 - Transport Information

##### DOT

Proper Shipping Name: None  
Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

##### IATA

Non-Hazardous for Air Transport

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#### Section 15 - Regulatory Information

##### TAIWAN REGULATORY

This product is not a hazardous article and need not be labeled.  
Taiwan" Flammable Liquids" classification: Not applicable

##### UNITED STATES REGULATORY

INFORMATION SARA LISTED: No

##### CANADA REGULATORY INFORMATION

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: No  
NDSL: Yes

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Section 16 - Other Information

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WARRANTY The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. [Formosa Plastics Corp.](#), shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. License granted to make unlimited paper copies for internal use only.