

# Safety Data Sheet

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## 1. PRODUCT AND COMPANY IDENTIFICATION

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Product Name: Thickener B  
General Use: May be used for printing on textile  
Product Description: Water based thickener of acrylic resin.  
SDS Number: US-039

### MANUFACTURER

Company Name: Matsui International Co., Inc.  
Address: 1501 West 178<sup>th</sup> Street, Gardena, CA 90248, USA  
Telephone No.: (310) 767-7812

EMERGENCY TELEPHONE NUMBER: (310) 767-7812

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## 2. HAZARDS IDENTIFICATION

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### CLASSIFICATION

Health Hazard: Not classified.  
Physical Hazard: Not classified.  
Signal Word: None.  
Hazard Statement: None.  
Symbol: None.  
Precautionary Statements: None.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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No	Component(s)	CAS #	Approx. %
A	Resin	Trade secret	30
B	Non-hazardous and other ingredients below reportable levels	N/A	Balance

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## 4. FIRST AID MEASURES

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### INHALATION:

If inhale a large quantity, remove to fresh air and lie quiet. Seek medical attention as needed.

EYE: Immediately flush eyes with water for at least 15 minutes. Seek medical attention as needed.

SKIN: Wash with mild soap and water.

### INGESTION:

Rinse mouth thoroughly with water. Seek medical attention as needed.

### PROTECTION TO FIRST-AIDERS:

Wear personal protective clothing and equipment.

### NOTE TO PHYSICIAN:

Treat symptomatically.

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## 5. FIRE FIGHTING MEASURES

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### SUITABLE EXTINGUISHING MEDIA

Use water, water spray, sand, dry chemical, or CO<sub>2</sub> gas.

### UNSUITABLE EXTINGUISHING MEDIA

Not available.

## SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Not available.

## SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

In case of fire, wear respirator.

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## 6. ACCIDENTAL RELEASE MEASURES

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### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear suitable personal protective equipment as needed.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Do not flush with water. Dam up. Soak up with inert absorbent material. If liquid has been spilt in large quantities, clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

Avoid releasing spilled material into rivers and/or lakes, and drains. If material is released to public water, advice local authority.

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## 7. HANDLING AND STORAGE

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### PRECAUTIONS FOR SAFE HANDLING

#### Protective Measures:

Wear suitable protective equipment and clothing as needed to prevent the material from contacting skin and eyes. Use only in well-ventilated areas. Minimize vapor generation and avoid breathing vapor. Do not smoke during work.

#### Advice on General Occupational Hygiene:

Wash thoroughly after handling. Do not eat, drink, or smoke during work.

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES Technical

#### Measures Storage Conditions:

Store in a cool and dark place away from direct sunlight. Avoid freezing. Keep container tightly closed.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### EXPOSURE LIMIT VALUES

Not established.

### EXPOSURE CONTROLS

#### Occupational Exposure Controls:

Local exhaust ventilation is necessary during vapors or mists can be released. General ventilation is recommended in absence of mists.

#### Personal Protection

##### Respiratory Protection:

In an ill-ventilated area, wear chemical-cartridge respirator for organic gas, supplied-air respirator or self-contained breathing apparatus.

##### Hand Protection:

Wear rubber gloves.

##### Eye Protection:

Wear safety glasses with side-shields or chemical goggles. Do not wear contact lenses when using this product.

##### Skin Protection:

Wear chemical resistant apron or long pants, long sleeves, and/or boots when applicable.

#### Hygiene measures:

Provide acceptable eyewash facilities within the immediate work area for emergency use.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Milky white viscous liquid.
Odor:	Aliphatic odor.
pH:	5 - 6 (sol @ 1%)
Melting Point:	Not available.
Boiling Point:	Not available.
Flash Point:	> 100 °C
Evaporation rate:	Not available.
Flammability:	Contacting with heat, flame, or other source of ignition.
Explosive Properties:	Not applicable.
Oxidizing Properties:	Not applicable.
Vapor Pressure:	Not available.
Relative density:	Approx. 1.1
Solubility (Water):	Not available.
Partition Coefficient (n-octanol/water):	Not available.
Auto-Ignition Temperature:	> 200 °C
Decomposition Temperature:	Not available.
Viscosity:	Not available.

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## 10. STABILITY AND REACTIVITY

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REACTIVITY:	No specific reactivity under normal condition.
CHEMICAL STABILITY:	Stable under normal handling and using condition.
POSSIBILITY OF HAZARDOUS REACTION:	None.
CONDITIONS TO AVOID:	None.
INCOMPATIBLE MATERIALS:	Oxidizing agent may cause exothermic reactions.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon oxides (CO <sub>x</sub> ) and nitrogen oxides (No <sub>x</sub> ) may be produced by thermal decomposition.

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## 11. TOXICOLOGICAL INFORMATION

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Acute Toxicity:	
Oral:	Rat: LD <sub>50</sub> > 5,000 mg/kg
Skin:	The product is not expected to be toxic in contact with the skin.
Inhalation:	The product is not expected to be toxic by inhalation.
Eye Irritation:	May cause eye irritation with susceptible people.
Skin Irritation:	May cause skin irritation on people with sensitive skin.
Sensitization:	This product is not expected to be sensitizing.
Repeated Dose Toxicity:	Not available.
Chronic Toxicity:	Prolonged skin contact may defatting of skin and produce dermatitis.
Mutagenicity:	Not available.
Carcinogenicity:	Not applicable.
Reproductive and Developmental Toxicity:	Not available.

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## 12. ECOLOGICAL INFORMATION

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ECOTOXICITY:	
Aquatic toxicity:	Fish: LC <sub>50</sub> / 96h > 100 mg/L Daphnia: EC <sub>50</sub> / 48h > 100mg/L Algae: IC <sub>50</sub> / 72h >100mg/L

MOBILITY: Not available.  
PERSISTENCE AND BIODEGRADABILITY:  
Not available.  
BIOACCUMULATIVE POTENTIAL: Not available.  
OTHER ADVERSE EFFECTS: Not available.

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### 13. DISPOSAL INFORMATION

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Comply with all federal, state and local regulations.  
Do not dump this product into sewers, on the ground or into any body of water.

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### 14. TRANSPORT INFORMATION

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#### US DEPARTMENT OF TRANSPORTATION (DOT)

Hazardous Materials: Not applicable.  
Hazardous Materials Description and Proper Shipping Name:  
Not applicable.  
Hazard Class or Division: Not applicable.  
Identification Number: Not applicable.  
Packing Group: Not applicable.  
Label(s) Required: Not applicable.

#### SEA TRANSPORT

##### IMDG

Class: Not applicable.  
Packing Group (PG): Not applicable.  
UN Number: Not applicable.  
Proper Shipping Name: Not applicable.  
Marine Pollutant: Not applicable.

#### AIR TRANSPORT

##### ICAO/IATA

Class: Not applicable.  
Packing Group (PG): Not applicable.  
UN Number: Not applicable.  
Proper Shipping Name: Not applicable.

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### 15. REGULATORY INFORMATION

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#### OSHA STATUS:

This product is not considered to be hazardous under 29 CFR 1910.1200.

#### TSCA STATUS:

All components on TSCA INVENTORY.

#### CERCLA REPORTABLE QUANTITY (40 CFR 117, 302):

Not applicable.

#### SARA TITLE III

Section 302 (40 CFR 355) – Extremely hazardous substance:

Not applicable.

Section 311/312 (40 CFR 370) – Hazard categories:

Immediate (acute) health hazard	N
Delayed (chronic) health hazard	N
Fire hazard	N
Sudden release of pressure	N
Reactive	N

Section 313 (40 CFR 372) – Toxic chemical:

Not applicable.

CONEG – Typical Metals present in ppm:

Cadmium (Cd)	N
Hexavalent Chromium (Cr(VI))	N
Lead (Pb)	N
Mercury (Hg)	N

HMIS Ratings

Health:	1
Flammability:	0
Reactivity:	0
Protection:	C

(0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe)

ENCS (Japan): Components listed.

California Proposition 65



This product can expose you to chemicals including acrylamide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Please refer to any other federal, state and local regulations.

For specific questions please call to Matsui International Co., Inc. USA 3107677812.

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## 16. OTHER

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### ABBREVIATIONS

OSHA:	The Occupational Safety and Health Administration
NTP:	National Toxicology Program
IARC:	International Agency for Research on Cancer
ACGIH:	American Conference of Governmental Industrial Hygienists, Inc.
IMDG:	International Maritime Dangerous Goods
ICAO:	International Civil Aviation Organization
IATA:	International Air Transport Association
TSCA:	Toxic Substances Control Act
CERCLA:	Comprehensive Environmental Response, Compensation and Liability Act of 1980
SARA:	Superfund Amendments and Reauthorization Act of 1986
CONEG:	the Coalition of Northeastern Governors
ENCS:	Existing and New Chemical Substances

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