

First issue : Nov. 6, 2020

Revised: : ---

## Safety Data Sheet

### 1. IDENTIFICATION

Product Name: Foil Adhesive TFG 301 / Binder TFG 0905-4  
General Use: May be used for printing on paper, textile, wood, and film.  
Product Description: Water based binder of acrylic resin.  
SDS Number: A-0099SE  
MANUFACTURER  
Company Name: Matsui Shikiso Chemical Co., Ltd.  
Address: 64 Kamikazansakuradani-cho, Yamashina-ku, Kyoto 607-8466, JAPAN  
Telephone No.: +81 (75) 594-5612  
AGENCY  
Matsui International Co., Inc.  
Address: 1501 West 178th Street, Gardena, CA 90248, U.S.A.  
Telephone No.: (310) 767-7812  
EMERGENCY TELEPHONE NUMBER: +81 (75) 594-5612 / (310) 767-7812

### 2. HAZARDS IDENTIFICATION

#### CLASSIFICATION

Health Hazard: Not classified.  
Physical Hazard: Not classified.  
Signal Word: None.  
Hazard Statement: None.  
Symbol: None.  
Precautionary Statements: None.  
Other hazard: Harmful to aquatic life.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component(s)	CAS #	Approx. %
Resin	Trade secret	25-35
Propylene glycol	57-55-6	< 25
Disodium disulphite	7681-57-4	< 1
Non-hazardous and other ingredients below reportable levels	N/A	Balance

V.O.C. CONTENT: &lt; 300 g/L

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#### 4. FIRST AID MEASURES

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##### INHALATION:

Remove to fresh air and lie quiet. Seek medical attention as needed.

**EYE:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention as needed.

**SKIN:** Wash with mild soap and water.

##### INGESTION:

Rinse mouth thoroughly with water. Induce vomiting with much water if possible.

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, dry chemical, or CO<sub>2</sub> gas.

(This product is not combustible under normal conditions due to its aqueous property)

##### UNSUITABLE EXTINGUISHING MEDIA

No data available.

##### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

No data 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 protective gloves and goggles to avoid contact with skin and eyes.

##### METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

For small spill, soak with dry sand, soil, sawdust, or rags.

Collect spilled material in container for disposal.

For large spill, dike with sandbags and prevent from contaminating soil.

If material is released to water supply, drains or vegetation, advise local authority.

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#### 7. HANDLING AND STORAGE

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##### PRECAUTIONS FOR SAFE HANDLING

###### Protective measures:

Use only in well-ventilated areas. Do not breathe vapor or mist.

Wear personal protective gloves/protective clothing/eye protection/face protection.

Keep container tightly closed after each use.

###### Advice on general occupational hygiene:

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

Contaminated work clothing should not be allowed out of the workplace.

Wash contaminated clothing before reuse.

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

###### Technical measures storage conditions:

Keep container airtight. Store in a cool and dark place away from excessive heat and direct sunlight.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### EXPOSURE LIMIT VALUES

Disodium disulphite                      ACGIH - TLV (TWA)                      5 mg /m<sup>3</sup>

### EXPOSURE CONTROLS

#### Occupational Exposure Controls:

Local exhaust ventilation or general ventilation is recommended during indoor operation.

#### Personal Protection:

##### Respiratory Protection:

Not necessary under normal handling condition.

##### Hand Protection:

Wear rubber or plastic gloves.

##### Eye Protection:

Wear safety glasses or goggles.

##### Skin Protection:

Wear long pants, long sleeves, and boots when applicable.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Light yellow paste.
Odor:	Slight odor.
pH:	8.0 ± 0.5
Melting Point:	Not available.
Boiling Point:	Not available.
Flash Point:	Not available.
Evaporation rate:	Not available.
Flammability:	If this product is dry, it may be flammable.
Explosive Properties:	Not applicable.
Oxidizing Properties:	Not applicable.
Vapor Pressure:	Not available.
Relative density:	0.99 ± 0.05 g/cm <sup>3</sup>
Solubility (Water):	Miscible.
Partition Coefficient (n-octanol/water):	Not available.
Auto-Ignition Temperature:	Not available.
Decomposition Temperature:	Not available.
Viscosity:	100,000 ± 10,000 mPa·s

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## 10. STABILITY AND REACTIVITY

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REACTIVITY:                      No specific reactivity under normal condition.

CHEMICAL STABILITY:      Stable under recommended conditions of storage and handling.

### POSSIBILITY OF HAZARDOUS REACTION:

None.

CONDITIONS TO AVOID:      None.

### INCOMPATIBLE MATERIALS:

None.

### HAZARDOUS DECOMPOSITION PRODUCTS:

None.

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## 11. TOXICOLOGICAL INFORMATION

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Acute Toxicity:	Oral LD <sub>50</sub> > 5,000mg/kg (Calculation data)
Eye Irritation:	No data available.
Skin Irritation:	No data available.
Carcinogenicity:	Not applicable.
LOCAL EFFECT:	It may cause inflammation if it is attached to the skin for a long time or sensitive skin.

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## 12. ECOLOGICAL INFORMATION

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ECOTOXICITY:	Fish LC <sub>50</sub> > 5,000 mg/L (Calculation data)
The aquatic environment (acute):	Harmful to aquatic life.
MOBILITY:	No data 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 regulated.
Hazardous Materials Description and Proper Shipping Name:	Not regulated.
Hazard Class or Division:	Not regulated.
Identification Number:	Not regulated.
Packing Group:	Not regulated.
Label(s) Required:	Not regulated.

### SEA TRANSPORT

#### IMDG

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

### AIR TRANSPORT

#### ICAO/IATA

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

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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.

### CA Prop. 65:

This product can expose you to chemicals including Methanol, which is known to the State of California to cause developmental. For more information go to [www. P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### 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.

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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