

MATERIAL SAFETY DATA SHEET**1. PRODUCT & COMPANY IDENTIFICATION**

- **PRODUCT NAME**
TAT STAMP INK STG-1,3 (Black)(Red)(Blue)(Green)(Purple)(White)
- **NAME OF MANUFACTURER/SUPPLIER** Shachihata Inc.
- **NAME OF SECTION** Research and Development Dept.
- **ADDRESS** 4-69,Amatuka-chou,Nishi-ku,Nagoya-shi,Aichi-ken,Japan
- **TELEPHONE NUMBER** 052/521/1466
- **FAX NUMBER** 052/521/1468

2. COMPOSITION / INFORMATION ON INGREDIENTS

- **SUBSTANCE / MIXTURE** Mixture

• **HAZARDOUS INGREDIENTS**

CHEMICAL OR COMMON NAME(S)	CAS NO.	INGREDIENTS(wt.%)
Propanol, (2-methoxymethylethoxy)-	34590-94-8	30~60
Glycoholether Class	—	15~30
Synthetic Resin	—	10~20
Pigment	—	10~20
(White : Titanium Oxide)	(13463-67-7)	(White : 20~30)
		100

3. HAZARDS IDENTIFICATION

- **CLASS NAME OF HAZARDS CHEMICALS FOR MSDS IN JAPAN**
Flammable liquids
- **PHYSICAL AND CHEMICAL HAZARDS**
Flammable liquids
- **ADVERSE HUMAN HEALTH HAZARDS**
Harmful by inhalation, in contact with skin and if swallowed.

4. FIRST-AID MEASURES

- **EYE CONTACT** ... Immediately flush with plenty of water.
See medical advice immediately,if necessary.
- **SKIN CONTACT** ... Wipe off with dry cloth and wash with mild soap.
See medical advice immediately, if necessary.
- **INHALATION** ... Move to well ventilated place.
See medical advice immediately, if necessary.
- **INGESTION** ... See medical advice immediately.

5. FIRE-FIGHTING MEASURES

- **SPECIFIC HAZARDS WITH REGARD TO FIRE-FIGHTING MEASURES**
In case of fire, use foam dry chemicals.
- **EXTINGUISHING MEDIA**
Dry chemical powder, foam or carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Wipe off with dry cloth.

7. HANDLING AND STORAGE

- **HANDLING**
 - Use only in the well-ventilated areas.
 - Avoid contact with skin or eyes.
 - Avoid inhalation and ingestion.
 - Avoid high temp. and fire.
- **STORAGE**
 - Store in a cool, dry, location.
 - Keep bottle tightly closed.
 - Keep away from heat or sunlight.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

- **CONTROL PARAMETERS**
[Propanol, (2-methoxymethylethoxy)-]
ACGIH TLV (1990-91) TWA 100ppm(606mg/m³) STEL 150ppm(909mg/m³)
OSHA PEL(1993) 100ppm(606mg/m³)
- **ENGINEERING MEASURES**
Use with local exhaust ventilation.
- **PERSONAL PROTECTIVE EQUIPMENT**
Wear safety glasses and gloves, if necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **APPEARANCE AND ODOR** Liquid, minor solvent odor.
- **DENSITY(g/cm³)** 1.0~1.2
- **BOILING POINT** No data available.
- **VOLATILE(wt.%)** 50~70
- **SOLUBILITY IN WATER** Insoluble

10. PHYSICAL HAZARD(STABILITY AND REACTIVITY)

- FLASH POINT 45-55 °C(closed cup)
- AUTOIGNITION TEMPERATURE 240-320 °C
- EXPLOSION LIMIT No data available.

11. TOXICOLOGICAL INFORMATION

- ACUTE TOXICITY
[Propanol, (2-methoxymethylethoxy)-]
Oral LD₅₀ (rat) 5,135mg/Kg (RTECS)

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATION

Disposal as usual industrial waste goods, follow all regulations in your country.

14. TRANSPORT INFORMATION

Follow all regulations in your country.
UN NUMBER 1210
UN CLASS 3.3 (Flammable liquids)

15. REGULATORY INFORMATION

Follow all regulations in your country.

16. OTHER INFORMATION

The information herein is given in good faith, but no warranty, express or implied, is made.

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