**SECTION 1: Identification**

1.1. Product identifier

Product Name : TAT INDELIBLE STAMP PAD   Multipurpose
Color : (Red)
ATGN-2 , ATGN-3 , ATGN-4
(ATGN-2-K(Medium), ATGN-3-K(Large), ATGN-4-K(Extra large))

TAT INDELIBLE INK Multipurpose
STG, STG-1(Small bottle), STG-3(Large bottle)

1.2. Recommended use of the chemical and restrictions on use

Recommended use : Stamp ink

1.3. Details of the supplier of the safety data sheet

Company Name : Shachihata Inc. (U.S.A.)
Address : 20775 S. Western Ave., Suite 105 Torrance, CA 90501 U.S.A.
Telephone : 1-800-541-9719
Fax : 1-800-541-7166
Contact (e-mail) : customerservice@xstamper.com

1.4. Emergency telephone number

CHEMTREC 1-800-424-9300
(For Hazardous materials or dangerous goods incident, Spill, leak, fire, exposure or accident)

**SECTION 2: Hazard(s) identification**


2.1.1 Classification of the substance or mixture

| Flammable liquids, Category 3 | H226 | Flammable liquid and vapour |
| Serious eye damage /eye irritation, Category 2B | H320 | Causes eye irritation |
| Specific target organ toxicity ; single exposure, Category 3 (respiratory tract irritation, narcotic effects) | H335 | May cause respiratory irritation |
| | H336 | May cause drowsiness or dizziness |

2.1.2 Label elements

**Hazard pictograms** :

- Flammable substance
- In case of fire

**Signal word** : Warning

**Hazard statement** : Flammable liquid and vapour
Causes eye irritation
May cause respiratory irritation
May cause drowsiness or dizziness

**Precautionary statement**

**[Prevention]**
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Take precautionary measures against static discharge.
Wear protective gloves/protective clothing/eye protection/face protection.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Use only outdoors or in a well-ventilated area.
Wash hands thoroughly after handling.

**[Response]**
In case of fire : Use dry chemical powder, form or carbon dioxide for extinction.
IF INHALED : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES : Rinse cautiously with water for several minutes. (P305+P351+P338) 
Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists : Get medical advice/attention. (P337+P313)

IF ON SKIN (or hair) : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. 

If skin irritation occurs : Get medical advice/attention. (P332+P313)

IF SWALLOWED : Get medical advice/attention if you feel unwell. Rinse mouth. (P301+P314+P330)

【Storage】
Store in a well-ventilated place. Keep container tightly closed. (P403+P233)

【Disposal】
Dispose of contents/container to waste in accordance with local/regional/ national/international regulation (to be specified).

2.1.3 Other hazards


Canada : According to WHMIS

2.2.1 Classification of the substance or mixture

Class B2 : Flammable Liquids
Class D2B : Eye irritation

2.2.2 Label elements

2.2.3 Other hazards

In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS)

2.3 Other information

SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Substance/Mixture</th>
<th>Ingredients</th>
<th>Chemical Name / Generic name</th>
<th>Composition weight %</th>
<th>CAS Registry No.</th>
<th>Classification (OSHA HCS 2012)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(2-methoxymethylethoxy)propanol</td>
<td>50 ~ 60</td>
<td>34590-94-8</td>
<td>Flam.Liq.4, STOT.SE.3, H227, H335</td>
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<tr>
<td></td>
<td></td>
<td>Synthetic resin</td>
<td>10 ~ 20</td>
<td>Confidential</td>
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<tr>
<td></td>
<td></td>
<td>Organic Pigment</td>
<td>1 ~ 10</td>
<td>Confidential</td>
<td>none</td>
</tr>
<tr>
<td></td>
<td></td>
<td>total</td>
<td>100</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 4: First-aid measures

4.1. Description of first aid measures

IF INHALED : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a doctor if symptoms persist.

IF ON SKIN : Remove/Take off immediately all contaminated clothing. Wash with soap and water. If skin irritation/rash occurs or feel unwell, consult a doctor for medical advice.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

IF SWALLOWED: After rinse mouth immediately, give about 250 ml of water or milk and thin in the stomach, and do not vomit forcibly. Moreover, do not give anything from the mouth to the patient when not conscious. Receive the doctor's treatment (stomach pump) promptly.

Note to Physicians:
All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media
   Suitable extinguishing media: Dry chemical powder, foam or carbon dioxide
   Unsuitable extinguishing media: Water jet

5.2. Special hazards arising from the substance or mixture
   For initial stage extinction, carbon dioxide or dry chemical powder.
   When a fire extends, fire is extinguished by a large amount of water spray.
   Do not discharge extinguishing waters into the aquatic environment.

5.3. Advice for firefighters
   In the extinction work, an appropriate protective equipment (gloves, glasses, and mask) has to be worn.
   Because during a fire, hazardous gases may be generated, fire-fighters have to wear self-contained breathing apparatus and other protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
   Evacuate personnel to safe area. Shut off all sources of ignition.
   No Flares, smoking or flame in area. Put on protective equipment. Ensure adequate ventilation.

6.2. Environmental precautions
   Do not throw the leakage thing directly into environment

6.3. Methods and material for containment and cleaning up
   In case of a small spill, remove by absorbing with absorbents (sawdust, soil, sand, waste cloth, etc.), and then wipe off the waste well with waste cloth, and rag.
   In case of large spills, prevent leakage by enclosing with nonflammables (earth and sand, etc.) and collect into empty container by scoop, suction equipment or the like.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
   Advice on safe handling: Use with adequate ventilation.
   Avoid contact with skin, eyes and clothing.
   Obtain special instructions before use.
   Do not handle until all safety precautions have been read and understood.
   Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities
   Requirements for storage areas and containers: Keep containers tightly closed and store in a cool and dry place.
   Keep away from heat and flame, ignition source and sunlight.
   Keep out of the reach of children.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
   ACGIH (2013)
   (2-methoxymethylethoxy)propanol: TWA 100ppm
   OSHA PEL
   (2-methoxymethylethoxy)propanol: TWA 100ppm
   Canada Ontario Provincial
   (2-methoxymethylethoxy)propanol: TWA 100ppm
   Canada Quebec Provincial
   (2-methoxymethylethoxy)propanol: TWA 100ppm

8.2. Exposure controls
   Personal protective equipment
Respiratory Protection : Use with local exhaust ventilation, when in long use. Avoid breathing vapours. Wear mask to prevent organic gas, if necessary.

Hand Protection : Avoid contact with hands. Wear safety gloves, if necessary.

Eye Protection : Avoid contact with eyes. Wear safety glasses, if necessary.

Skin Protection : Avoid skin contact. Wear personal protection apron, boots, if necessary.

Environmental exposure controls

General advice : Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : red liquid
Odor : minor solvent odor
pH : Not applicable
Boiling point : No data available
Flash point : 127.4 °F (53 °C) (closed cup)
Relative Density (at 77 °F, 25 °C) : 1.0 ~ 1.1 (g/cm³)
Solubility in Water : Insoluble

SECTION 10: Stability and reactivity

10.1. Reactivity
No dangerous reaction known under conditions of normal use.

10.2. Possibility of hazardous reactions
Under normal conditions of storage and use, hazardous reactions will not occur.

10.3. Chemical stability
The product is stable.

10.4. Conditions to Avoid
High temperature, Direct sunlight, Fire

10.5. Incompatible Materials
No data available

10.6. Hazardous decomposition products
CO, CO₂

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : LD/LC50 values that are relevant for classification
[1-ethoxypropan-2-ol]
Oral-rat LD50 >5,000mg/kg
Inhalation-rat LC50 >10,000ppm/4H
Dermal-rabbit LD50 9ml/kg

[2-methoxymethylethoxy)propanol]
Oral-rat LD50 5,180mg/kg
Dermal-rabbit LD50 9,500mg/kg

Serious eye damage /eye irritation : Category 2B Causes eye irritation
Specific target organ toxicity : Category 3 May cause respiratory irritation May cause drowsiness or dizziness

Carcinogenicity : This product does not contain any component that is considered a human carcinogen by IARC, ACGIH, EPA, EU or NTP.

SECTION 12: Ecological information

12.1. Ecotoxicity : No data available
12.2. Persistence and degradability : No data available
12.3. Bioaccumulative potential : No data available
12.4. Mobility in soil : No data available
12.5. Other adverse effects : No known significant effects or critical hazards.
SECTION 13: Disposal considerations

13.1. Waste treatment methods
Disposal must be made according to official regulations.
Comply with all Federal, State, and Local regulations regarding disposal.
Do not allow product to reach ground, any water course or sewage system.

SECTION 14: Transport information

14.1. UN number
DOT, TDG, IMO / IMDG, IATA / ICAO : UN1210

14.2. UN proper shipping name
DOT, TDG, IMO / IMDG, IATA / ICAO : PRINTING INK, flammable

14.3. Transport hazard class(es)
DOT, TDG, IMO / IMDG, IATA / ICAO :
  · Class 3 (Flammable liquids.)
  · Label 3

14.4. Packing group
DOT, TDG, IMO / IMDG, IATA / ICAO : III

14.5. Environmental hazards
Marine pollutant : No

14.6. Special precautions for user
EMS Number : F-E-S-D

14.7. Transport in bulk according to Annex II of
MARPOL 73/78 and the IBC Code : Not applicable.

SECTION 15: Regulatory information

< USA Information >
OSHA STATUS : This product is hazardous under 29 CFR 1910.1200.
TSCA inventory : All components of this product are listed in the TSCA Inventory.
TSCA Hazard Communication Program (40 CFR Part 721) (SNUR) : not Listed
EPCRA Section 302 Extremely Hazardous Substances (EHS) : not Listed
EPCRA Section 313 Toxic Chemicals : not Listed
CERCLA Hazardous Substances : not Listed
CAA Section 112(r) List of Substances for Accidental Release Prevention : not Listed
California Proposition 65 : not Listed

< Canada Information >
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR)
and the SDS contains all the information required by the CPR.
Canada inventory : All components of this product are listed in the DSL/NDSL Inventory.
WHMIS Ingredient Disclosure List (SOR/88-64) : 1-ethoxypropan-2-ol
  (WHMIS : Canadian Workplace Hazardous Material Information System)
  (2-methoxymethylthoxy)propanol

SECTION 16: Other information, including date of preparation or last revision

Last Revision Date : 18.05.2015
Preparation Date : 04.11.2014

This product does not contain lead, mercury, cadmium, hexavalent chromium,
polybrominated biphenyls (PBB) or polybrominated diphenylethers (PBDE).

This data sheet may not be enough when evaluating danger or hazard. The above information, which is created from currently available documents, information and data, may be revised when new findings announced. This document has been written on the assumption that when dealing with a large amount of ink on the business case and emergency.
When handling as a normal product, please refer to the notes that is described in the produce or packaging. The information contained herein is not intended to provide any kind of warranty other than information, there is no guarantee for the accuracy of the content.