Safety Data Sheet (MSDS)

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Secure Stamper 1342(ES-BS), 2471(ES-2S)
Refill ink for Secure Stamper CLR-10N

Company Name: Shachihata Inc.
Address: 4-69, Amazuka-cho, Nishi-ku, Nagoya City, 451-0021, Japan
Telephone: +81-52-521-3600
Fax: +81-52-521-3899
Emergency Call: +81-52-521-3600 (Shachihata Inc. [Japan])
Recommended use: Stamp ink

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification
Physical Hazards
Flammable liquids Category 3

Health Hazards
Serious eye damage /eye irritation Not classified

Environmental Hazards Classification not possible

LABEL ELEMENTS
Symbols:

Signal word: Warning

Hazard statement: Flammable liquid and vapour (H226)

Precautionary statement
[Prevention]
Keep away from heat/sparks/open flames/hot surfaces. · No smoking. (P210)
Take precautionary measures against static discharge. (P243)

[Response]
In case of fire: Use dry chemical powder, form or carbon dioxide for extinction. (P370+P378)
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. (P304+P340)
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 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). (P501)
SECTION 3  COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance/Mixture</th>
<th>: Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingredients</td>
<td>:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name /</th>
<th>Composition weight %</th>
<th>CAS Registry No.</th>
<th>Hazard Class (category)</th>
<th>Hazard statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generic name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethanol</td>
<td>1~10</td>
<td>64·17·5</td>
<td>Flam.Liq. 2</td>
<td>H225</td>
</tr>
<tr>
<td>Derivative of vegetable</td>
<td>75~85</td>
<td>Confidential</td>
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<tr>
<td>oil</td>
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<td></td>
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<td></td>
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<tr>
<td>Synthetic resin</td>
<td>1~10</td>
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<td>none</td>
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<tr>
<td>Carbon black</td>
<td>5~15</td>
<td>1333·86·4</td>
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<td>none</td>
</tr>
<tr>
<td>total</td>
<td>100</td>
<td></td>
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</tr>
</tbody>
</table>

SECTION 4  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.

SECTION 5  FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA  : Dry chemical powder, foam or carbon dioxide

UNSUITABLE EXTINGUISHING MEDIA  : Water jet

SPECIFIC EXTINCTION METHOD

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.

SPECIAL PROTECTIVE FOR FIRE-FIGHTERS

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

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.

ENVIRONMENTAL PRECAUTIONS

Do not throw the leakage thing directly into environment.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

In case of a small spill, absorb with dry sand, soil, sawdust, cloth, etc., then place in a chemical waste containers. In case of large spills, dike and prevent overflow, cover spills with foam, then place in a chemical container using non-sparking tools.

SECONDARY ACCIDENT PREVENTION MEASURE

All ignition sources should be quickly removed. (No smoking in vicinity, prohibit sparks or fire sources)

SECTION 7  HANDLING AND STORAGE

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.

Storage  : Keep containers tightly closed and store in a cool and dry place. Keep away from heat and flame, ignition source and sunlight.
SECTION 8  EXPOSURE CONTROLS AND PERSONAL PROTECTION

OCcupational Exposure Limit

ACGIH (2011)
- Ethanol: STEL 1000 ppm
- Carbon black: TWA 3.5 mg/m³

OSHA PEL
- Ethanol: TWA 1000 ppm

DIRECTIVE 2000/39/EC
- None

Japan Society for Occupational Health (2011)
- Carbon black: Dusts Class 2 OEL (Total dust) 4 mg/m³

Personal Protection:
- Respiratory Protection: Not required, but wear mask to prevent organic gas, if necessary.
- Hand Protection: Not required, but wear safety gloves, if necessary.
- Eye Protection: Not required, but wear safety glasses, if necessary.
- Skin Protection: Not required, but wear personal protection apron, boots, if necessary.

SECTION 9  PHYSICAL AND CHEMICAL PROPERTIES

Appearance: black liquid
Odour: none
pH: Not applicable
Boiling point: No data available
Flash point: 30.5 ºC (closed cup)
Relative Density (at 25ºC): 1.0 (g/cm³)
Solubility in Water: Insoluble

SECTION 10  STABILITY AND REACTIVITY

Stability: Stable under normal handling.
Conditions to Avoid: High temperature, Direct sunlight, Fire
Incompatible Materials: Strong oxidising agents
Hazardous Decomposition Products: CO, CO₂

SECTION 11  TOXICOLOGICAL INFORMATION

Acute toxicity: LD/LC₅₀ values that are relevant for classification
[Ethanol]
- Oral-rat: LD₅₀ 7,060 mg/kg
- Inhalation-rat: LC₅₀ 20,000 ppm/10h

Carcinogenicity: Carbon black has been classified by the IARC as Group 2B.
Other materials: Not listed by IARC, EPA, EU, NTP.

Regarding the carcinogenicity of carbon black, the International Agency for Research on Cancer (IARC) has classified as a group 2B. However, as the ink product we could not classify the carcinogenicity of GHS from that there is no sufficient data.

SECTION 12  ECOLOGICAL INFORMATION

Hazardous to the aquatic environment (acute): Classification not possible
Hazardous to the aquatic environment (chronic): Classification not possible
Hazardous to the ozone layer: Classification not possible

SECTION 13  DISPOSAL CONSIDERATIONS

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

UN number (DOT, ADR, IMDG, IATA) : UN1210
UN proper shipping name (DOT, ADR, IMDG, IATA) : PRINTING INK, flammable
UN Classification : 3
Packing group (DOT, ADR, IMDG, IATA) : III
Marine pollutant (Y/N) : N
EmS number : F-E,S-D

SECTION 15 REGULATORY INFORMATION

< EU Information >
Regulation (EC) No 1272/2008 (CLP)
Substance name : [Ethanol]
Hazard Class & Category : Flammable liquids, Category 2
Symbols : GHS02
Signal word : Danger
Hazard statements : H225 Highly flammable liquid and vapour

Directive 67/548/EEC or 1999/45/EC
Substance name : [Ethanol]
Classification : F; R11
R-Phrase : R11 Highly flammable.
S-Phrase : S2 Keep out of the reach of children.
S7 Keep container tightly closed.
S16 Keep away from sources of ignition · No smoking.

< USA Information >
OSHA STATUS : This product is hazardous under 29 CFR 1910.1200.
TSCA STATUS : All components on TSCA INVENTORY.
TSCA Hazard Communication Program (40 CFR Part 721) (SNUR) : not Listed
CERCLA REPORTABLE QUANTITY (40 CFR 117,302) : not Listed
SARA TITLE III Section 313 (40 CFR 372) : not Listed
California Proposition 65 (Chemicals known to cause cancer) : listed [carbon black]

Refer to any other federal, state, EU, national and local regulations.

SECTION 16 OTHER INFORMATION

This product not contain lead, mercury, cadmium, hexavalent chromium, polybromiated 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.