

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

071092303

N/A

## Micro Seal Liquid

DSI-001



T : Toxic



N : Dangerous for the environment

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Identification of the product** : Liquid.  
**Trade name** : Micro Seal Liquid  
**Use** : For professional use only.  
**Company identification** : AMCO INTERNATIONAL  
Two Union Hill Road  
West Conshohocken 19428 UNITED STATES  
**Emergency phone nr** : Tel : 1-352-323-3500

### 2 HAZARDS IDENTIFICATION

**Risk Phrases** : R36 : Irritating to eyes. - R50 : Very toxic to aquatic organisms. - R61 : May cause harm to the unborn child. - R62 : Possible risk of impaired fertility. - R67 : Vapours may cause drowsiness and dizziness.  
**Adverse and overdose effects in humans** : The product may be toxic to kidneys, the nervous system, liver, central nervous system (CNS). Repeated or prolonged exposure to the product can produce target organs damage.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Components** : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	Classification
Dibutyl phthalate	> 50 < 65	84-74-2	201-557-4	607-318-00-4	Repr. Cat. 2; R61 Repr. Cat. 3; R62 N; R50
Soybean oil	> 15 < 25	8001-22-7	232-274-4	-----	
Acetone	> 15 < 25	67-64-1	200-662-2	606-001-00-8	F; R11 R66 R67 Xi; R36

### 4 FIRST AID MEASURES

**- Inhalation** : Assure fresh air breathing.  
If not breathing, give artificial respiration.  
If breathing is difficult, give oxygen.  
If you feel unwell, seek medical advice (show the label where possible).  
**- Skin contact** : Wash skin with mild soap and water.  
Seek medical attention if ill effect or irritation develops.  
**- Eye contact** : In case of eye contact, immediately rinse with clean water for 10-15 minutes. Check for and remove any contact lenses.  
Seek medical attention immediately.  
**- Ingestion** : Do not induce vomiting.  
Seek medical attention if ill effect develops.

**Micro Seal Liquid****DSI-001****5 FIRE-FIGHTING MEASURES**

- Hazardous combustion products** : Carbon dioxide.  
Carbon monoxide.
- Unsuitable extinguishing media** : Do not use a heavy water stream.
- Protection against fire** : Slightly flammable to flammable in presence of open flames and sparks of heat.

**6 ACCIDENTAL RELEASE MEASURES**

- Clean up methods** : Collect spills and put it into appropriated container.

**7 HANDLING AND STORAGE**

- General** : Keep away from heat.
- Precautions in handling and storage** : Keep away from sources of ignition.
- Technical protective measures** : Proper grounding procedures to avoid static electricity should be followed.
- Handling** : Do not breathe gas, fumes, vapour or spray.  
Handle empty containers with care because residual vapours are flammable.  
Handle in accordance with good industrial hygiene and safety procedures.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

- Personal protection** : Avoid all unnecessary exposure.
- Respiratory protection** : Suitable respiratory equipment.
- Hand protection** : Gloves.
- Eye protection** : Goggles.
- Technical protective measures** : Familiarize personnel with proper use of respiratory protection equipment.
- Occupational Exposure Limits** : Acetone : ILV (EU) - 8 H - [mg/m<sup>3</sup>] : 1210  
Acetone : ILV (EU) - 8 H - [ppm] : 500

**9 PHYSICAL AND CHEMICAL PROPERTIES**

- Physical state** : Liquid.
- Odour** : Mild.
- Solubility** : More soluble in oil.

**10 STABILITY AND REACTIVITY**

- Stability and reactivity** : Stable under normal conditions.
- Hazardous reactions** : Acids.  
Alkalis, finely divided metals.  
Strong oxidizing agents.
- Hazardous polymerization** : Will not occur.

**11 TOXICOLOGICAL INFORMATION**

- Toxicity information** : Harmful by inhalation, in contact with skin and if swallowed.  
May cause damage to the following organs: kidneys, the nervous system, liver, central nervous system.



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### 11 TOXICOLOGICAL INFORMATION (continued)

Acute Potential Health Effects: Skin: May cause skin irritation burning or stinging sensation. It can cause dermatitis, It can be absorbed by the skin.

Eyes: splash contact can cause immediate, severe stinging pain, and profuse tearing. Inhalation: It can irritate the nose and throat. Ingestion: It may cause nausea, vomiting.

### 12 ECOLOGICAL INFORMATION

- Ecological effects information** : The products of degradation are less toxic than the product itself.
- Persistence - degradability** : Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

### 13 DISPOSAL CONSIDERATIONS

- General** : Dispose in a safe manner in accordance with local/national regulations.
- Special precautions**

### 14 TRANSPORT INFORMATION

- Sea transport** : Marine Pollutant
- NFPA Label** : Fire hazard : 0  
Health hazard : 3  
Hazardous reaction : 0

### 15 REGULATORY INFORMATION

- Symbol(s)** : T : Toxic  
N : Dangerous for the environment
- R Phrase(s)** : R36 : Irritating to eyes.  
R50 : Very toxic to aquatic organisms.  
R61 : May cause harm to the unborn child.  
R62 : Possible risk of impaired fertility.  
R67 : Vapours may cause drowsiness and dizziness.
- S Phrase(s)** : S4 : Keep away from living quarters.  
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 : After contact with skin, wash immediately with  
S35 : This material and its container must be disposed of in a safe way.  
S36/37 : Wear suitable protective clothing and gloves.  
S38 : In case of insufficient ventilation, wear suitable respiratory equipment.  
S45 : In case of accident or if you feel unwell, seek medical advice immediately ( show the label when possible).  
S53 : Avoid exposure - obtain special instructions before use.  
S57 : Use appropriate container to avoid environmental contamination.  
S59 : Refer to manufacturer/supplier for information on recovery/recycling.  
S60 : This material and its container must be disposed of as hazardous waste.  
S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

**AMCO INTERNATIONAL**

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**Micro Seal Liquid**

**DSI-001**

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**End of document**

**Micro-Seal Powder****DSI-004**

Xi : Irritant

**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

**Identification of the product** : Powder.  
**Trade name** : Micro-Seal Powder  
**Type of product** : Polymer.  
**Use** : For professional use only.  
**Company identification** : AMCO INTERNATIONAL  
Two Union Hill Road  
West Conshohocken 19428 UNITED STATES  
**Emergency phone nr** : Tel : 1-352-323-3500

**2 HAZARDS IDENTIFICATION**

**Risk Phrases** : Irritating to eyes, respiratory system and skin.  
**Primary route of exposure** : Skin and eyes contact. Inhalation of dust.  
**Symptoms relating to use**  
**- Inhalation** : May cause irritation to the respiratory tract and to other mucous membranes.  
Cough. Shortness of breath.  
**- Skin contact** : Redness, pain.  
**- Eye contact** : Pain. Redness. Tears.  
**- Ingestion** : Not expected to present a significant ingestion hazard under anticipated conditions  
of normal use. Must not come into contact with food or be consumed.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

**Substance / Preparation** : Preparation.

Substance name	Contents	CAS No	EC No	Annex No	Classification
Poly (ethyl methacrylate)	: > 98 %	9003-42-3	-----	-----	Xi; R36/37/38
CI 77007 / Ultramarine Blue	: > 2	57455-37-5	N/E	-----	

**4 FIRST AID MEASURES**

**First aid measures**  
**- Inhalation** : Assure fresh air breathing.  
If you feel unwell, seek medical advice.  
**- Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking,  
tears or redness persist.  
**- Ingestion** : Rinse mouth. Obtain medical attention. If possible show this sheet, if not available  
show packaging or label.



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## Micro-Seal Powder

DSI-004

### 5 FIRE-FIGHTING MEASURES

- Flammable class** : The product is not flammable.
- Specific hazards** : Under fire conditions, hazardous fumes will be present. NOx, NH3, SOx
- Extinguishing media** : All extinguishing media can be used.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.
- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire.

### 6 ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Equip cleanup crew with proper protection. Respiratory protection equipment may be necessary.
- Environmental precautions** : Prevent entry to sewers and public waters.
- Clean up methods** : Sweep up dry powder and dispose properly. Dilute residues and flush.

### 7 HANDLING AND STORAGE

- General** : Use good housekeeping practices to avoid rendering dust airborne.
- Precautions in handling and storage** : Approved dust or mist respirator should be used if airborne particles are generated when handling this material.
- Storage** : Keep only in the original container in a cool, well ventilated place.
- Handling** : Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Personal protection**
- **Respiratory protection** : Where excessive dust may result, wear approved mask.
  - **Hand protection** : Gloves.
  - **Skin protection** : No special protection required where adequate ventilation is maintained.
  - **Eye protection** : Goggles.
- Industrial hygiene** : Provide local exhaust or general room ventilation to minimize exposure to dust.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Powder.
- Solubility in water** : Negligible.

### 10 STABILITY AND REACTIVITY

- Stability and reactivity** : Stable.
- Hazardous decomposition products** : According to process conditions, hazardous decomposition products may be generated. organic esters that may contain methacrylates, carbon monoxide, organic acids, aldehydes & alcohol.
- Hazardous polymerization** : Will not occur.



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### 10 STABILITY AND REACTIVITY (continued)

**Hazardous properties** : None under normal conditions.  
**Materials to avoid** : Strong oxidizers.  
**Conditions to avoid** : Avoid generating airborne dust

### 11 TOXICOLOGICAL INFORMATION

**Toxicity information** : Irritating to eyes, respiratory system and skin.  
**Sensitization** : This product contains small amounts of an ingredient which has been reported to cause skin sensitization reactions in humans.

### 13 DISPOSAL CONSIDERATIONS

**General** : Dispose in a safe manner in accordance with local/national regulations.

### 14 TRANSPORT INFORMATION

**General information** : Not regulated.

### 15 REGULATORY INFORMATION

**Symbol(s)** : Xi : Irritant  
**R Phrase(s)** : R36/37/38 : Irritating to eyes, respiratory system and skin.  
**S Phrase(s)** : S24 : Avoid contact with skin.  
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S35 : This material and its container must be disposed of in a safe way.  
S36/37 : Wear suitable protective clothing and gloves.  
S51 : Use only in well-ventilated areas.  
S59 : Refer to manufacturer/supplier for information on recovery/recycling.

### 16 OTHER INFORMATION

**Further information** : None.

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