

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.



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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/m³] : 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



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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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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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