SAFETY DATA SHEET

Ottopol S-50

Gellner Industrial, LLC
105 Tide Road, Hometown, PA 18252
PHONE: 570-668-8800
www.gellnerindustrial.com
water based industrial polymers

SECTION I

PRODUCT IDENTIFICATION

Product Name......................................................... OTTOPOL S-50
Chemical Family .................................................. Acrylic Copolymer
Recommended Use of Chemical ............................................. Binder or Coating

Manufacturer:
Gellner Industrial, LLC
105 Tide Road
Hometown, PA 18252 USA

SECTION II

HAZARD IDENTIFICATION

Hazardous Classification of Chemical ............................................. Non-Hazardous
Signal Word ........................................................................Not Applicable
Pictograms ........................................................................Not Applicable
Precautionary Statement .................................................. None Known
Hazards Not Classified .................................................. None Known
Water ........................................................................... 53.7%
Polymer .......................................................................... 44.0%
Aqua Ammonia 19% ......................................................... 2.3%
Residual Monomer .......................................................... <100 ppm

SECTION III

COMPOSITION/INFORMATION ON INGREDIENTS

Substances
1) Water .......................................................................... CAS Number 7732-18-5
2) Acrylic Copolymer ..................................................... CAS Number Proprietary
3) Aqua Ammonia .......................................................... CAS Number 1336-21-6
4) Residual Monomers ..................................................... CAS Number Proprietary

SECTION IV

FIRST AID MEASURES

Inhalation ........................................................................If dizziness or nausea occurs move to fresh air
Exposure to skin ................................................................Rinse with cold water
Exposure to eyes ................................................................Rinse with cold water

SECTION V

FIRE FIGHTING MEASURES

Special Fire Fighting Procedures .......... Respirator
Extinguishing Media .................. Water, Foam, CO2
Upper Flammable Limits ................. Not Applicable
Unusual Fire or Explosion Hazards ........ None Known
Flash Point ............................................................... None PMCC
Lower Flammable Limits ................. Not Applicable
SECTION VI
ACCIDENTAL RELEASE MEASURES
In event of a spill:
Absorb material with sand or absorbent material. Put contaminant into DOT approved container. Do not dispose into sewer system. An acceptable method of disposal is to burn in an incinerator in accordance with local state and federal rules and regulations.

Evacuation procedures
Not Applicable

Protective Clothing
Gloves, safety glasses

SECTION VII
HANDLING AND STORAGE
Storage
Keep from freezing

Incompatible Materials
Mixing with low pH materials can cause precipitation

Ventilation
Not necessary

SECTION VIII
EXPOSURE CONTROLS/PERSONAL PROTECTION
Respiratory protection
None needed at ambient or elevated temperatures

Other Protective Equipment
Rubber gloves and safety glasses

Exposure Limits PELs
Not Applicable

Threshold Limit Values
Not Applicable

Ventilation
Normally not necessary. If dizziness occurs move to fresh air

Special Requirements for PPE
None

SECTION IX
PHYSICAL and CHEMICAL PROPERTIES
Appearance
Milky White Liquid

Upper/lower flammability or exposure limits
None

Odor
Typical Acrylic

Vapor pressure
Not Applicable

Odor Threshold
Not Applicable

Vapor Density
Not Applicable

pH
Alkaline

Relative Density
1.06028

Melting Point/Freezing Point
Liquid/ 32 F/0 C

Solubility in Water
Infinite

Boiling Point
212 F/ 100 C

Flash Point
None

Auto Ignition Temperature
Not Applicable

Evaporation Rate
Same as Water

Decomposition temperature
Not Applicable

Flammability
Not Flammable

Viscosity
<100 cps

SECTION X
STABILITY and REACTIVITY
Reactivity
Not Reactive, polymerization will not occur

Chemically Stable
Yes

Cationic or low pH materials can cause precipitation
### SECTION XI
#### TOXICOLOGY INFORMATION

<table>
<thead>
<tr>
<th>Category</th>
<th>Status</th>
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<tbody>
<tr>
<td>Short term or long exposure</td>
<td>Has not been tested</td>
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<tr>
<td>Acute toxicity lethal dose</td>
<td>Has not been tested</td>
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<tr>
<td>Carcinogenic</td>
<td>No</td>
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### SECTION XII
#### ECOLOGICAL INFORMATION

The product has not been tested in this area.

### SECTION XIII
#### DISPOSAL CONSIDERATIONS

<table>
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<tr>
<th>Category</th>
<th>Details</th>
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<tbody>
<tr>
<td>Disposal Container</td>
<td>Plastic container, Fiber drum with lining, IBC or tote</td>
</tr>
<tr>
<td>Where to dispose</td>
<td>Accredited disposal company that can deposit waste in landfill</td>
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<tr>
<td>Do not dispose to sewer in concentrated form</td>
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### SECTION XIV
#### TRANSPORTATION INFORMATION

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<th>Category</th>
<th>Status</th>
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<tbody>
<tr>
<td>UN Number</td>
<td>Non-hazardous, does not apply</td>
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<tr>
<td>UN Proper Shipping Name</td>
<td>Non-hazardous, does not apply</td>
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<tr>
<td>International Maritime Dangerous Goods Code (IMDG Code)</td>
<td>Non-hazardous</td>
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<tr>
<td>International Bulk Chemical Code (IBC Code)</td>
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<tr>
<td>Land Transport</td>
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<tr>
<td>Air Transport</td>
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### SECTION XV
#### REGULATORY INFORMATION

Not Regulated

### SECTION XVI
#### OTHER INFORMATION

<table>
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<tr>
<th>Category</th>
<th>Status</th>
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<tr>
<td>TSCA Registered</td>
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<td>Canadian DSL</td>
<td>Yes</td>
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<tr>
<td>Harmonize Code</td>
<td>390610-0000</td>
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Prepared December 12, 2014

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