SAFETY DATA SHEET

Ottopol SF-45

Gellner Industrial, LLC
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Water based industrial polymers

SECTION I

PRODUCT IDENTIFICATION

Product Name.................................................OTTOPOL SF-45
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 .................................................................................54.5%
Polymer ..............................................................................45.0%
Aqua Ammonia 19% ...............................................................0.5%
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 is 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: 1.06165
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

Short term or long exposure  Has not been tested
Acute toxicity lethal dose  Has not been tested
Carcinogenic  No

SECTION XII  ECOLOGICAL INFORMATION

The product has not been tested in this area.

SECTION XIII  DISPOSAL CONSIDERATIONS

Disposal Container  Plastic container, Fiber drum with lining, IBC or tote
Where to dispose  Accredited disposal company that can deposit waste in landfill
Do not dispose to sewer in concentrated form.

SECTION XIV  TRANSPORTATION INFORMATION

UN Number  Non-hazardous, does not apply
UN Proper Shipping Name  Non-hazardous, does not apply
International Maritime Dangerous Goods Code (IMDG Code)  Non-hazardous
International Bulk Chemical Code (IBC Code)  Non-hazardous
Land Transport  Non-hazardous
Air Transport  Non-hazardous

SECTION XV  REGULATORY INFORMATION

Not Regulated

SECTION XVI  OTHER INFORMATION

TSCA Registered  Yes
Canadian DSL  Yes
Harmonize Code  390610-0000

Prepared December 12, 2014  Revision 0

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