

# SAFETY DATA SHEET

## Ottopol 1450



**Gellner Industrial, LLC**

105 Tide Road, Hometown, PA 18252

PHONE: 570-668-8800

[www.gellnerindustrial.com](http://www.gellnerindustrial.com)

*water based industrial polymers*

### SECTION I

### PRODUCT IDENTIFICATION

Product Name ..... OTTOPOL 1450

Formula..... Proprietary

Chemical Family ..... Styrene Acrylic Emulsion

Health Hazard Phone Number ..... (570) 668-8800.

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 ----- 56.5%

Polymer ----- 43.0%

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) Residual Monomers ----- CAS Number Proprietary

### SECTION IV

### FIRST AID MEASURES

**Inhalation** ..... Remove victim to fresh air. Keep warm and quiet. If not breathing, give artificial respiration. If breathing is difficult, give oxygen by trained personnel. GET IMMEDIATE MEDICAL ATTENTION.

**Exposure is skin** ..... Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. Get medical attention if irritation develops or persists.

**Exposure to eyes** ..... Move individual away from exposure. Immediately flush eyes with large quantities of clean water for at least 15 minutes. Get immediate medical attention.

**Ingestion** ..... Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek Immediate medical attention/advice.

## SECTION V

## FIRE FIGHTING MEASURES

**Flammability** ----- Not Applicable

**Suitable Extinguishing:** Carbon Dioxide (CO<sub>2</sub>), Foam, Dry Chemical, Water spray. Hazardous combustion products: Carbon Monoxide, Carbon Dioxide (CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>)

**Fire/Explosion Hazard:** This material will not burn unless it is evaporated to dryness. Closed containers may rupture when exposed to extreme heat.

**Protective Equipment and Precautions for Firefighters:** Wear self-contained breathing apparatus (SCBA) and full firefighting protective clothing. Thoroughly decontaminate all protective equipment after use. Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as possible. Firefighters should be protected from potential explosion hazard while extinguishing the blaze. Use water spray to cool fire exposed containers.

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## SECTION VI

## ACCIDENTAL RELEASE MEASURES

**Personal precautions** ----- Use personal protective equipment. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.

**Environmental precautions**----- Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

**Methods and materials for containment and cleaning up**-----

Prevent spilled material from:

- 1) Contaminating soil
- 2) Entering sanitary sewers, storm sewers and drainage systems
- 3) Entering bodies of water or ditches that lead to waterways.

Prevent spreading over a wide area (e.g. by containment of oil barriers). Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

**Evacuation procedures** ----- Not Applicable

**Protective Clothing** ----- Gloves, safety glasses

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## SECTION VII

## HANDLING AND STORAGE

**Precautions for safe handling:** Avoid breathing in vapors or mists. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the product.

**Storage** -----Keep from freezing. Keep container tightly closed. Keep in a dry place.

**Ventilation**----- Ensure adequate ventilation

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## SECTION VIII

## EXPOSURE CONTROLS/PERSONAL PROTECTION

**Information on the system design:** Good general ventilation should be sufficient to control airborne levels of irritation vapors. Local ventilation may be required during certain operations.

### Exposure Limits:

The Occupational Safety and Health Administration (OSHA), has established for inert or nuisance dusts, a Permissible Exposure Limit of 15 mg/m<sup>3</sup>, total dust of 5 mg/m<sup>3</sup>, respirable fraction for an 8 hour Time Weighted Average (TWA) as Particulates Not Otherwise Regulated (PNOR). The American Conference of Governmental Industrial Hygienists (ACGIH) have established, for inert or nuisance dusts, Threshold Limit Values (TLV) or 10 mg/m<sup>3</sup> for inhalable (total) particulates and 3mg/m<sup>3</sup> for respirable particulates based on Particulates Not Otherwise Specified (PNOS).

### Eye/face Protection:

Wear safety glasses/Goggles with side shields and a face shield. Ensure that eyewash stations and safety showers are close to the workstation location.

**Skin Protection:**

Gloves made of nitrile rubber or butyl rubber. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasions. Chemical resistant apron. Boots.

**Respiratory Protection:**

None required if hazards have been assessed and airborne concentrations are maintained below the exposure limits listed in Section 8. Wear an approved air-purifying respirator with organic vapor/amine cartridges where airborne concentrations may exceed exposures limits.

**SECTION IX****PHYSICAL and CHEMICAL PROPERTIES**

Appearance -----	Milky White
Upper/lower flammability or exposure limits -----	None
Odor -----	Mild Ammonia
Vapor pressure -----	Not Applicable
Odor Threshold -----	Not Applicable
Vapor Density -----	1 (Air=1)
pH -----	7.0-9.0
Specific Gravity -----	1.0731 @ 25°C
Melting Point/Freezing Point -----	Liquid/ 32° F/0° C
Solubility in Water -----	Dispersible in water
Percent volatile -----	56-58% by weight
VOC Content -----	0 g/l (calculated) product as supplied
Boiling Point -----	212 °F/ 100° C
Flash Point -----	Not Applicable
Evaporation Rate -----	<1 (BuAc = 1)
Decomposition temperature -----	Not Applicable
Flammability -----	Not Flammable
Viscosity -----	<500 cps @ 25°C

**SECTION X****STABILITY and REACTIVITY**

Chemically Stable -----	Stable under normal conditions
Conditions to Avoid -----	Freezing temperatures
Incompatible Materials -----	No materials to be especially mentioned
Hazardous Decomposition Products -----	Carbon monoxide, Carbon Dioxide (CO <sub>2</sub> ), Hydrocarbons and Nitrogen oxides (NO <sub>x</sub> )
Hazardous Polymerization: -----	Hazardous polymerization does not occur

**SECTION XI****TOXICOLOGY INFORMATION**

Acute toxicity lethal dose -----	No Information Available
Summary Comments -----	May cause mild eye irritation like ocular lesions, which are reversible. May cause mild Skin irritation. May cause respiratory tract irritation.
Sub-chronic/Chronic Toxicity -----	National Toxicology Program (NTP) no component of this product present at levels Greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. No component of this product presents at levels greater than or equal to 0.1% is identifies as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity -----	No Information Available
Target Organ (s) -----	None Known

## SECTION XII

## ECOLOGICAL INFORMATION

Persistence and degradability----- No Information Available  
Bio-accumulative potential ----- No Information Available  
Mobility ----- Accidental spillage may lead to penetration in the soil and groundwater  
Aquatic Toxicity----- No Information Available

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## SECTION XIII

## DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** NOT A RCRA HAZARDOUS WASTE: When discarded in its purchase form, this material would not be regulated as a RCRA Hazardous waste under 40 CFR 261.

**Contaminated Packaging:** Empty containers should be taken for local recycling, recovery or waste disposal.

**US EPA Waste Number:** Not applicable

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## 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

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## SECTION XV

## REGULATORY INFORMATION

Not Regulated

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## SECTION XVI

## OTHER INFORMATION

TSCA Registered----- Yes  
Canadian DSL ----- Yes  
Harmonize Code -----

Prepared March 17, 2020

Revision 0

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