



SECTION 1: IDENTIFICATION

Product Identifier

Product Name	Product Form	Product Code
BRIDGE-CON™	Viscous Liquid	RH-420

Relevant identified uses of the substance or mixture:

Protective coating for concrete, metal

Details of the supplier of the safety data sheet

Rhomar Industries, Inc.
2107 E. Rockhurst St.
Springfield, MO 65802 USA
T 417-866-5592; F 417-866-5593
solutions@rhomar.com

Emergency telephone number

1-800-535-5053

SECTION 2: HAZARDS IDENTIFICATION

Classification:

Acute Toxicity - Oral (Category 5)
Acute Toxicity - Inhalation (Category 5)
Skin Corrosion/Irritation (Category 3)
Eye Damage/Irritation (Category 2B)

Signal Word: Warning

Hazard Statements:

May be harmful if swallowed
May be harmful if inhaled
Causes mild skin irritation
Causes eye irritation

Precautionary Statements

Prevention: Wash thoroughly after handling

Response:

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing. If eye irritation persists get medical advice/attention.

Skin Contact: If skin irritation occurs, get medical advice/attention.

Inhalation: Call Poison Center or doctor/physician if you feel unwell.

Other: Call a Poison Center or doctor if you feel unwell.

Storage: Store at temperatures between 60°F – 104°F. Keep from freezing.

Disposal: Dispose of contents and container in accordance with local, regional, national, and international regulation.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	CAS #	Weight %
No regulatory hazardous ingredients		

SECTION 4: FIRST-AID MEASURES

First Aid Measures

General Advice: Take off immediately all contaminated clothing. Get medical Advice/attention if you feel unwell. Wash contaminated clothing before reuse.

Inhalation: Remove person to fresh air and keep comfortable for breathing. Get medical attention if you feel unwell.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion: Rinse mouth. Do not induce vomiting. Get medical advice and/or attention if you feel unwell.

Skin Contact: Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation or a rash occurs, get medical advice/attention.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

Eye irritation symptoms may include stinging, tearing, redness, swelling and blurred vision.

Skin irritation, may cause redness, itching and/or pain.

Inhalation of mist/vapors, prolonged or repeated exposure may cause chronic effects.

Indication of any Immediate Medical Attention and Special Treatment Needed

Provide general supportive measures and treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

This material is water based and is not combustible under normal conditions. If the material is exposed to sufficient heat for sufficient time to evaporate the water, combustion may occur.

Suitable Extinguishing Media: Use water, carbon dioxide (CO₂), alcohol foam, water fog or dry chemical to extinguish.

Unsuitable Extinguishing Media: NA

Specific Hazards Arising from the Chemical: Vaporized material may form explosive mixture with air. Thermal decomposition (burning) will produce oxides of carbon including carbon monoxide and may also produce irritating, corrosive and/or toxic gases, vapors and fumes.

Protective Equipment and Precautions for Firefighters: Self-contained breathing apparatus and full protective gear must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Methods and Material for Containment and Cleaning Up

Contain and absorb with inert material (e.g. oil dry, sand). Dispose in accordance with all local, state and federal regulations. In the event of a large spill, contain material and recover for use if possible. Avoid discharge into drains, water courses and the ground.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling: Avoid prolonged or repeated skin contact and avoid breathing vapors.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep containers tightly closed. Store in a cool and dry area.

Incompatible Contaminants: Avoid exposure to oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Engineering Controls

Engineering Controls: Use with adequate ventilation.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Face shield, goggles.

Skin and Body Protection: Chemical protective gloves.

Respiratory Protection: Level of exposure needs to be determined. If required, use a particulate filter, a NIOSH approved air purifying respirator with organic vapor cartridge or a supplied air respirator.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Viscous Liquid		
Color	Gray		
pH	7-9	Melting Point/Freezing Point	Not applicable
Boiling Point/Boiling Range	212°F	Flash Point	Not applicable
Evaporation Rate	Not determined	Flammability	Nonflammable
Upper Flammable Limits	Not applicable	Lower Flammable Limits	Not applicable
Vapor Pressure at 20°C	2.3 kilopascal	Vapor Density	>1
Specific Gravity, 16°C	1.20	Solubility	Dispersible
Partition Coefficient	Not determined	Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not determined	Viscosity	>5000 mm ² /sec
Odor Threshold	Not Determined	Odor	Mild petroleum odor

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No data available

Chemical Stability: Stable

Possibility of Hazardous Reactions: None known

Polymerization: Will not occur

Conditions to Avoid: Freezing and boiling

Incompatible Materials: None known

Hazardous Decomposition Products: Combustion products: Oxides of carbon, nitrogen, and sulfur and potentially irritating and /or toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation: Excessive inhalation of mist may cause blockage of airways.

Eye Contact: Causes eye irritation.

Skin Contact: Causes mild skin irritation.

Ingestion: Expect low ingestion hazard. Do not induce vomiting.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure: None known

Carcinogenicity: None of the components of this mixture are considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity: This mixture contains components that are potentially toxic to freshwater and saltwater ecosystems.

Environmental Fate: This material may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

SECTION 13: DISPOSAL INFORMATION

Hazard characteristic and regulatory waste classification can change with product use. Accordingly, it is the responsibility of the user to determine the proper handling and disposition for disposal according to local, state, federal and international regulations.

SECTION 14: TRANSPORT INFORMATION

For Industrial/Professional Use Only-Keep out of reach of Children

DOT: No label required. Not regulated for transport.

Proper shipping name: n/a

Identification Numbers: n/a

Class or Division: n/a

Packing Group: n/a

Label Codes: n/a

Special Provisions: n/a

Packaging:

Exceptions: n/a

Non-Bulk: n/a

Bulk: n/a

Quantity Limitations:

Passenger Aircraft/Rail: n/a

Cargo Aircraft Only: n/a

Vessel Stowage:

Location: n/a

Other: n/a

Transport in Bulk according to Annex II of MARPOL 73/78 and IBC code

SECTION 15: REGULATORY INFORMATION

TSCA: All components are on the TSCA inventory

Sara Title III, Section 313: No, None

Sara Title III, Section 311, 312: No, None

SECTION 16: OTHER INFORMATION

Date Sheet Prepared: 5/28/2015

The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

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