



BRIDGE-CON™

Safety Data Sheet

www.rhomar.com

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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
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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
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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 16: OTHER INFORMATION

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.

No representations or warranty's, either express or implied of merchantability, fitness for a particular purpose or of any other nature with respect to the product or to the information herein is made hereunder. The manufacturer shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.