

SECTION 1: IDENTIFICATION

Product Identifier

Product Name	Product Form	Product Code
BRIDGE-TEC 2000™	Liquid	RH-2000

Relevant identified uses of the substance or mixture:

Coating, Primer.

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:

Flammable Liquids – Category 2
 Acute Toxicity – Oral Category 5
 Acute Toxicity – Dermal Category 5
 Acute Toxicity – Inhalation Category 5
 Eye Irritation – Category 2A
 Aspiration Hazard – Category 1
 Acute aquatic toxicity – Category 1
 Specific Target Organ Toxicity – single exposure Category 1 Central nervous system



Signal Word:
 Danger

Hazard Statements:

Highly flammable liquid and vapor.
 Toxic if swallowed, in contact with skin or inhaled.
 May be fatal if swallowed and enters airways.
 Causes serious eye irritation.
 May cause drowsiness or dizziness.

Precautionary Statements

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 Keep container tightly closed.
 Ground/bond container and receiving equipment.
 Use explosion-proof electrical/ventilating/lighting/equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Avoid breathing fumes, mists, vapors and sprays.
 Wash face, hands and any exposed skin thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.
Skin Contact: Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water.
Ingestion: Call a poison center or a doctor/physician if you feel unwell. Rinse mouth with water.

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Inhalation: Remove victim to fresh air and keep in a comfortable position for breathing.

Storage:

Store in a well ventilated place. Keep container tightly closed. Keep cool.

Disposal:

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	CAS #	Weight %
Acetone	67-64-1	80-90
Methyltrimethoxysilane	1185-55-3	10-20
Solvent Naphtha (petroleum) light aromatic	64742-95-6	1-5

Any concentration shown as a range is to protect confidentiality or is due to process variation.

SECTION 4: FIRST-AID MEASURES

First Aid Measures

Inhalation: Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call physician.

Eye Contact: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Ingestion: Rinse mouth. Call a Poison Center or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing, wash with plenty of soap and water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms: May cause serious eye irritation.

Dizziness or drowsiness.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Alcohol resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media: High volume water jet.

Specific Hazards Arising from the Chemical: Carbon oxides.

Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions: Use personal protective equipment as required. Avoid breathing vapor, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe area.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so. Contain spillage.

Methods for Cleaning Up: Collect with an electrically protected vacuum or by wet-brushing and place in container for disposal. Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink, or smoke when using this product. Use personal protection recommended in Section 8.

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Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool, and well-ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	CAS #	ACGIH – TLV	OSHA PEL	NIOSH	DOW	EXXON
Acetone	67-64-1	500ppm	1000ppm	250ppm	Not Determined	Not Determined
Methyltrimethoxysilane	1185-55-3	Not Determined	Not Determined	Not Determined	50ppm	Not Determined
Solvent Naphtha (petroleum) light aromatic	64742-95-6	Not Determined	Not Determined	Not Determined	Not Determined	19 ppm 100 mg/m3

Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation, eyewash stations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved safety goggles where a splash hazard exists.

Skin and Body Protection: Wear suitable protective clothing

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid		
Color	Colorless		
pH	No data available	Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	133-340° F	Flash Point	0° F
Evaporation Rate	No data available	Flammability (Solid, Gas)	n/a, liquid
Upper Flammable Limits	36.5% (V)	Lower Flammable Limits	0.9 % (V)
Vapor Pressure	No data available	Vapor Density	No data available
Specific Gravity	0.82	Water Solubility	Slightly soluble in water
Solubility in Other Solvents	No data available	Partition Coefficient	No data available
Autoignition Temperature	No data available	Decomposition Temperature	No data available
Kinematic Viscosity	No data available	Dynamic Viscosity	No data available
Explosive Properties	Not an Explosive	Oxidizing Properties	No data available
Odor	Mild Ketone	Odor Threshold	No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Heat, flames, sparks. Extremes of temperature and direct sunlight.

Incompatible Materials: Oxidizing agents, bases, reducing agents, acids alkalis.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, oxides of nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation: Avoid breathing vapors or mist.

Eye contact: Causes eye irritation

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Skin Contact: Avoid contact with skin.

Ingestion: Harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LS50	Inhalation LC50
Acetone	67-63-0	5800 mg/kg (Rat)	>7,426 mg/kg	76.0 mg/l (Rat)
Methyltrimethoxysilane	1185-55-3	No data available	No data available	No data available
Solvent Naphtha (petroleum) light aromatic	64742-95-6	8400 mg/kg (Rat)	>3160 mg/kg (Rabbit)	2900 mg/l (Rat)

Chemical Name	Acetone	Methyltrimethoxysilane	Solvent Naphtha (petroleum) light aromatic
Skin corrosion/irritation	Not irritating (Rabbit)	No data available	Mild skin irritation with prolonged exposure
Serious eye damage/irritation	Slightly irritating (Rabbit)	No data available	Mild short-lasting eye irritation
Respiratory or skin sensitization	Does not cause sensitization (Guinea Pig)	No data available	No data available
Mutagenicity	Negative results	No data available	No data available
Carcinogenicity	No carcinogenic properties	No data available	Suspected human carcinogen
Reproductive toxicity	No teratogenic potential	No data available	Negative results
Specific target organ toxicity single exposure	Central nervous system inhalation may cause drowsiness or dizziness	No data available	No data available
Specific target organ toxicity repeated exposure	Causes mild skin irritation, causes serious eye irritation	No data available	No data available
Aspiration hazard	May be fatal if swallowed and enters airways.	No data available	Known hazard

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: This product does contain carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity: Not determined.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: There is no data available for this product as a whole.

Chemical Name	CAS#	Algae/Aquatic Plants	Fish	Aquatic	Crustacea
Acetone	67-64-1	No data available	LC50 (Oncorhynchus mykiss (rainbow trout)) 6,100 mg/l 48 h	EC50 (Daphnia magna (water flea)) 4,630 mg/l 48h Test substance: Acetone	No data Available
Methyltrimethoxysilane	1185-55-3	No data available	No data available	No data available	No data available
Solvent Naphtha (petroleum) light aromatic	64742-95-6	EC50 Skeletonema costatum - <1 mg/l	LC50 Pimephales promelas (fathead minnow) 41 mg/l 96 h	EC50 (Daphnia magna (water flea)) 0.96 mg/l 48 h	No data available

Persistence and Degradability: Not determined.

Bioaccumulation: Not determined.

Mobility: Not determined.

SECTION 13: DISPOSAL INFORMATION

Waste Disposal Method: Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 14: TRANSPORT INFORMATION**DOT Proper Shipping Description****Bulk and Non-Bulk:** UN1139, Coating Solution, 3, PGI**IMDG:** UN1139, Coating Solution, 3, PGI**SECTION 15: REGULATORY INFORMATION****SARA Title III Section 311/312 (40CFR370):** Fire, acute and chronic health hazards.**SARA Title III Section 313 (40CFR372):** This product does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by section 313 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372**RCRA Status (40CFR261.33):** No reportable components.**TSCA Inventory Status:** Reported/included.**OSHA/NTP/IARC Carcinogen Status:** Components listed.**Canadian DSL Status:** Reported/included.**Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:** Warning, this product can expose you to chemicals including Benzene which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov**U.S. State Right-to-Know Regulations:**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Acetone	X	X	X
Solvent Naphtha (petroleum) light aromatic ingredients	1, 2, 4 – Trimethylbenzene Cumene o,m,p Xylene	1, 2, 4 – Trimethylbenzene Cumene o,m,p Xylene	Cumene o,m,p Xylene
Methyltrimethoxysilane	X		X

SECTION 16: OTHER INFORMATION**HMIS Ratings:**

Health: 2
 Flammability: 3
 Reactivity: 0

Indication of changes: Revision-4 Revised section 14

Date Sheet Prepared: 2/28/2020

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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