

SECTION 1: IDENTIFICATION**Product Identifier**

Product Name	Product Form	Product Code
MET-CON 3000™	Liquid	RH-3000

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 3)
Acute Toxicity – Dermal (Category 3)
Acute Toxicity – Inhalation (Category 3)
Eye Irritation (Category 2A)
Aspiration Hazard (Category 1)
Specific Target Organ Toxicity – single exposure (Category 1)



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.
Causes damage to organs: eyes, skin, respiratory system, central nervous system, gastrointestinal tract.

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.
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 doctor/physician if you feel unwell. Rinse mouth

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
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Mixture

Name	CAS #	Weight %
Acetone	67-64-1	80-90
Methyltrimethoxysilane	1185-55-3	10-20
Methanol	67-56-1	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
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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
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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.

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
Methanol	67-56-1	200ppm	200ppm	Not Determined	Not Determined	Not Determined

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
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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
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Information on Likely Routes of Exposure**Product Information**

Inhalation: Avoid breathing vapors or mist.

Eye contact: Causes eye irritation

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
Methanol	67-56-1	100 mg/kg (Rat)	300 mg/kg (Rabbit)	5 mg/l (Rat)

Chemical Name	Acetone	Methyltrimethoxysilane	Methanol
Skin corrosion/irritation	Not irritating (Rabbit)	No data available	No skin irritation
Serious eye damage/irritation	Slightly irritating (Rabbit)	No data available	No eye irritation
Respiratory or skin sensitization	Does not cause sensitization (Guinea Pig)	No data available	No sensitization
Mutagenicity	Negative results	No data available	Negative results
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	No data available

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 16: OTHER INFORMATION**HMIS Ratings:**

Health: 2
 Flammability: 3
 Reactivity: 0

Indication of changes: Revision-1

Date Sheet Prepared: 1/16/2015

Other Information: Author – EHS Administrator

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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