Rymar LLC
6620 N CTH J
Cato, WI 54230

Phone: 1-866-287-9627
Customer Service: rymar@rymarindustries.com

1.0 PRODUCT AND SUPPLIER IDENTIFICATION

PRODUCT CLASS	TRADE NAME	MFG PRODUCT NO.
INDUSTRIAL COATING PRODUCT	#7710 GOLDEN MAPLE 200GR./L LOG SEALER	47-7130H

Identified Uses: INDUSTRIAL COATINGS, RESINS AND PAINT RELATED MATERIALS

Supplier: RYMAR LLC.
6620 North CTH J
CATO, WI 54230

Emergency Contact: Transportation Emergency (24 hour) 1-800-924-6804

Other Contacts: Customer Service (866) 287-9627
rymar@rymarindustries.com

www.rymarindustries.com

2.0 HAZARDS IDENTIFICATION

Classification	Cat	HCODE	Description
Flammable liquid	2	H225	Highly flammable liquid and vapor
Skin irritation	2	H315	Causes skin irritation
Eye irritant 2A	2	H319	Causes serious eye irritation
Specific target organ acute irritation-respiratory	3	H335	May cause respiratory irritation
Acute toxicity inhaled gases/vapors/dust/mist	4	H332	Harmful if inhaled
Acute toxicity dermal	4	H312	Harmful in contact with skin
Suspect carcinogen	2	H351	Suspected of causing cancer
Specific target organ toxicity chronic (auditory)	2	H373	May cause damage to organs through prolonged or repeated exposure
Suspected of damaging the unborn child	2	H361D	Suspect of damaging the unborn child
Skin sensitizer	1	H317	May cause an allergic skin reaction

Precautionary Statements:

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, ventilation, and lighting.
Use only non-sparking tools.
Wash face, hands, and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/ face protection.
IF ON SKIN: Wash with soap and water.
See specific treatment for first aid in SDS section 4.
If skin irritation occurs: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing eyes.
If eye irritation persists: Get medical advice/attention.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician if you feel unwell.

Store in a well ventilated place. Keep container tightly closed.
See specific measures for safe handling in SDS sections 7 and 13.
Wash contaminated clothing before reuse.
Obtain special instructions before use, read SDS and product specification sheet.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as specified in section 8.
IF exposed or concerned: Get medical advice/attention.
Store locked up, KEEP AWAY FROM CHILDREN.
Do not breathe dust/fume/gas/mist/vapors/spray.
Get medical advice/attention if you feel unwell.
Dispose of contents/container to licensed waste facility in accordance with local and national regulations, see SDS section 13 for additional information.
Contaminated work clothing should not be allowed out of the workplace.
If skin irritation or a rash occurs: Get medical advice/attention.

Signal Word: DANGER

Other Hazards Which Do Not Result In Classification:

Use in a well ventilated area.
Do not take internally. Do not get in eyes or on skin.
Maintain a clean work area, remove rags and wastes daily. Store waste and used rags in approved containers.

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3.0 COMPOSITION AND INFORMATION ON INGREDIENTS

NT	INGREDIENT		CAS#	ACGIH TLV PPM	ACGIH TLV mg/m3	ACGIH STEL PPM	ACGIH STEL mg/m3	OSHA PEL PPM	OSHA PEL mg/m3	OSHA CEILING PPM	OSHA CEILING mg/m3	LEL % VOLUM	VAPOR PRESS mm/Hg DEG F	% BY Wght
EX	Parachlorobenzotriflouride		98-56-6	-----	-----	-----	-----	-----	-----	-----	-----	0.900	5.300 @ 20.	35.7
C	Xylene (mixed isomers)	VHAP	1330-20-7	100.0	434.0	150.0	651.0	100.0	435.0	-----	-----	1.000	5.100 @ 68.	1.49
C	Ethyl Benzene	VHAP	100-41-4	20.00	87.00	125.0	543.0	100.0	435.0	-----	-----	1.000	10.00 @ 79.	0.31
A	1,2,4-Trimethylbenzene		95-63-6	25.00	123.0	-----	-----	25.00	125.0	-----	-----	0.900	1.000 @ 56.	0.96
	Aromatic Petroleum Distillate		64742-95-6	-----	-----	-----	-----	100.0	-----	-----	-----	1.000	3.000 @ 68.	
	Hydrotreated Distillates Light		64742-47-8	100.0	-----	-----	-----	300.0	-----	-----	-----	0.600	2.000 @ 68.	
	Raw Linseed Oil		8001-26-1	-----	-----	-----	-----	-----	-----	-----	-----	-----	----- @ ---	
	Amorphous Silica (dust)		7631-86-9	-----	-----	-----	-----	-----	-----	-----	-----	-----	----- @ ---	

EX-This solvent is exempt from EPA VOC reporting requirements.

C -This toxic chemical is subject to the reporting requirements of both Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372) and the Wisconsin Dept. of Natural Resources Administrative Code Chapter NR445.
VHAP = VOLATILE HAZARDOUS AIR POLLUTANT (VAPOR)
HAP = HAZARDOUS AIR POLLUTANT (SOLID)
(skin) = OSHA Skin Absorption Hazard
VOC content determined by EPA method 24.

A -This toxic chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372).
VHAP = VOLATILE HAZARDOUS AIR POLLUTANT (VAPOR)
HAP = HAZARDOUS AIR POLLUTANT (SOLID)
VOC content determined by EPA method 24.

4.0 FIRST AID MEASURES

GENERAL ADVICE: If you feel unwell seek advice immediately. Physicians: treat exposures symptomatically & supportively.
FIRST AID FOR EYE CONTACT: Wash eyes and eyelids with large amounts of water for at least 15 minutes. Remove contact lenses. Seek medical assistance if irritation persists.
FIRST AID FOR SKIN CONTACT: Wash all affected areas with soap and water. Remove any contaminated clothing and wash before re-use. Get medical attention if irritation persists.
FIRST AID FOR INHALATION OF VAPORS: Move exposed individual to fresh air. For any difficulty in breathing, give oxygen and get immediate emergency medical assist. Monitor for respiratory distress. Be prepared to give rescue breathing. If unconscious, place in recovery position with airway open. Loosen tight clothing.
FIRST AID FOR INGESTION: Get medical attention. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Aspiration hazard if swallowed. Can enter lungs. DO NOT INDUCE VOMITING. Keep head low so that any fluids do not enter the lungs. Never give anything by mouth to an unconscious or convulsive person. If unconscious, place in recovery position with airway open. Loosen tight clothing. IF A LARGE QUANTITY IS INGESTED, CALL A POISON CENTER OR CONTACT A LOCAL EMERGENCY MEDICAL SERVICE AT ONCE. The administration of absorbents such as activated charcoal may be of value. Gastric lavage may be effective when performed within 4 hours of ingestion.
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known, no specific information available.

5.0 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use carbon dioxide or dry chemical for small fires. For large fires, use an alcohol-type or multi-purpose foam extinguishing agent, water spray or fog. Keep surroundings cool with water spray. DO NOT USE SOLID STREAM.

UNUSUAL FIRE & EXPLOSION HAZARDS: Keep containers tightly closed, isolate from heat, open electrical equipment, sparks and open flames. Used containers may explode when exposed to high heat. DANGER! Rags, steel wool, or waste soaked with product may spontaneously catch fire if improperly discarded or stored. Immediately after use, place rags or waste in a sealed water-filled metal container.
SPECIAL FIRE FIGHTING PROCEDURES: Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition when exposed to extreme heat. Water spray/fog nozzle settings are preferable. A self-contained positive pressure breathing apparatus should be worn in addition to full firefighting personal protective equipment. Keep unnecessary people away, isolate hazards, stay upwind, keep out of low areas.
WARNING! Sudden release of hot organic chemical vapors from equipment operating at elevated temperatures or sudden introduction to vacuum conditions may result in ignition.

6.0 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike spill area and collect with inert absorbent material. ventilate adequately, avoid breathing vapors, use proper respiratory protection. Avoid contact, Section 8 lists PPE requirements. Follow all local, state, provincial and/or federal spill rules. Collect spill with non-sparking tools into a suitable container. Spill surface may be slippery. Scrub area with soap and water, contain all residue.
ENVIRONMENTAL CONCERN: This product may contain a reportable quantity of a hazardous substance. Follow all local, state, provincial and/or federal reporting procedures. Do not allow product to enter drains, sewers or waterways. Consult a professional cleaning or waste disposal service. Treat both spill residue and empty container residue as hazardous.
WASTE DISPOSAL CONSIDERATIONS: Empty containers retain product residue. Follow all label and SDS warnings even after container is empty. Check Section 13 for disposal options.

7.0 HANDLING AND STORAGE

ADVICE ON SAFE HANDLING: Wash hands thoroughly after handling. Protect from static spark discharge. Wear proper PPE, eye protection, gloves and respirator. Maintain good housekeeping, avoid residue accumulation. Eye wash stations should be available in the workplace. Do not breathe vapors. Do not have contact with eyes or skin. Avoid puncturing the container, do not drag. Spray operations must protect the worker from both vapors and spray mist/overspray.
CONDITIONS FOR SAFE STORAGE: Do not store below 40 degrees F or above 120 degrees F. Keep closures tight and container upright to avoid leakage. Store in a dry location. Store in original container. Maintain adequate ventilation. Do not store in unlabeled containers.

8.0 EXPOSURE CONTROL / PERSONAL PROTECTION

SELECTING PROTECTIVE EQUIPMENT AND CLOTHING: When choosing personal protective equipment and clothing, consider each worker's environment, ventilation, temperature, all chemical exposures and any other adverse physical conditions. The level of protection needed for eye/skin, respiratory and other protection should be part of an ongoing job safety analysis conducted by the end user and supervisor. Safety Data Sheet Sections 2,3,8 and 11 should be consulted.
EXPOSURE CONTROLS: Provide sufficient mechanical or natural ventilation or exhaust to maintain exposures below limit guidelines or below levels that cause known, suspect or apparent side effects or the formation of flammable vapors. Allow easy access to emergency shower/eye wash facilities.
SKIN PROTECTION: Chemical resistant gloves are recommended. Use neoprene, Viton or butyl rubber. Cover exposed skin with chemical resistant long sleeve clothing. The use of barrier creams should be minimized. Chemical resistant boots or footware should be used. Chemical apron or suit should be worn.
EYE PROTECTION: Eye protection should be worn in any type of industrial operation. The use of safety glasses with side shields (or goggles) and a face shield is recommended to prevent against liquid splash. Contact lenses should not be worn.
VENTILATION: Provide sufficient ventilation to keep hazards at levels below current ACGIH TLV and OSHA PEL exposure levels for the hazardous ingredients listed in Section 3. Use explosion-proof ventilation equipment. Provide proper respiratory protection if ventilation or exhaust is inadequate.

RESPIRATORY PROTECTION: In outdoor or open areas with good ventilation additional precautions should not be needed. If exposure limits are exceeded or if irritation is experienced, use a NIOSH approved respirator. Use a SCBA for confined spaces or poor ventilation. Follow the OSHA prescribed respiratory protection program guidelines for the chemicals found in Section 3. Consult your safety supplier for the correct respirator system specifications.
OTHER PROTECTIVE EQUIPMENT: The use of chemical resistant protective suit is suggested. Avoid any skin contact with vapors, mists, or spray. Prevent contact of materials with clothing if possible. Remove and wash contaminated clothing before re-use. Use an industrial type professional cleaning service, do not wash at home. Do not wear contaminated clothing or shoes away from the workplace. Leather products contaminated with this product should be discarded.
Exposure Limits For Inert and Nuisance Dust Particulates Not Otherwise Classified: OSHA (PEL): TWA =15 mg/m3 (total dust) 5 mg/m3 (respirable fraction). ACGIH(TLV): TWA = 10 mg/m3 (total dust).
Exposure Limits For iron oxide (fume): (CAS# 1309-37-1) OSHA (PEL): TWA =10 mg/m3 (as total particulates) ACGIH(TLV): TWA = 5 mg/m3.
Exposure Limits for silica-amorphous: (CAS# 112926-00-8) (Silica, Silica Gel) OSHA (PEL): TWA = 6mg/m3 (total dust) ACGIH(TLV): TWA =10mg/m3 (total dust).
Exposure Limits For zirconium compounds: OSHA (PEL): TWA = 5 mg/m3. ACGIH (TLV): TWA = 5 mg/m3, (TLV): STEL = 10 mg/m3.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	BEIGE/AQUA LIQUID
ODOR	Chemical
ODOR THRESHOLD (ppm)	20
pH	N/A
FREEZING POINT	N/A
BOILING RANGE	275-752 F
FLASH POINT	105 F (ASTM D3828)
EVAPORATION RATE	SLOWER THAN WATER
LEL% BY VOLUME	See Section 3
VAPOR PRESSURE	See Section 3
VAPOR DENSITY	HEAVIER THAN AIR
RELATIVE DENSITY(lbs/gal)	9.4897
SOLUBILITY	SOLUBLE IN SOLVENT
AUTOIGNITION TEMP	>500 degrees Fahrenheit
DECOMPOSITION TEMP	(Not Determined)
VISCOSITY	15-18/3 ZAHN CUP

10.0 STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal storage conditions.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Keep away from high heat, flame, spark, or static discharges. If exposed to extreme heat, sealed containers may explode. Container is not a pressure vessel. Do not use pressure to empty containers. Bonding/grounding procedures must be followed at all times, consult NFPA 30 "Flammable and Combustible Liquid Code".
INCOMPATIBILITIES: Strong acids, strong alkalis, strong reducers, strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: May decompose to oxides of carbon, nitrogen, phosphorous, chlorine and/or sulphur. May also break down to release other irritating or toxic fumes if exposed to fire conditions.
ADDITIONAL DECOMPOSITION PRODUCTS: Chlorine and fluorine containing gases may be produced.

11.0 TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Ingestion, inhalation, eye contact, skin contact absorption.
ACUTE TOXICITY ORAL: LD50 (rat): >2,000 mg/kg

ACUTE TOXICITY DERMAL: LD50 (rat): >1,000 mg/kg
ACUTE TOXICITY INHALATION: LC50 (rat, 4h): >4,000 mg/m3
SKIN CORROSION/IRRITATION: Causes mild skin irritation. If solvents are present, they may cause skin degreasing.
SERIOUS EYE DAMAGE/IRRITATION: Causes eye irritation.
RESPIRATORY SENSITIZATION: No data available.
SKIN SENSITIZATION: Chronic overexposure may cause skin sensitization.
SINGLE DOSE TOXICITY: No data available.
REPEATED DOSE TOXICITY: Chronic overexposure may cause damage to the liver, spleen, lymph node and gastrointestinal system. See specific target organs listed in Section 2.
ASPIRATION HAZARD: Aspiration may cause chemical pneumonitis and/or pulmonary edema as evidenced by coughing, labored breathing, cyanosis (bluish skin) or if severe aspiration may be fatal.
REPRODUCTIVE TOXICITY: No data available.
GERM CELL MUTAGENICITY: No data available.
OTHER EFFECTS: Repeated or prolonged exposure to some solvents has been associated with permanent brain and central nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors from this product may be harmful or fatal.
EFFECTS OF OVEREXPOSURE: There is no applicable information available regarding the carcinogen potential for this product as a whole, however any relevant information regarding any ingredient status as a potential, suspect, or confirmed carcinogen is listed in section 11 of the SDS.
CARCINOGEN POTENTIAL: Ethylbenzene CAS# 100-41-4 is present in this product. Ethylbenzene has been classified by IARC as a possible human carcinogen group 2B.
CARCINOGEN POTENTIAL: Chronic overexposure to a component of this product has been found to cause cancer in lab animals.
MEK Oxime is currently being tested for determination of its effects on humans. Until further data is available, keep exposures to a minimum.
Ingestion of alcohol can increase the effects of overexposure from some solvents in this product.
Overexposure or excessive contact to dust from this product can cause drying of mucous membranes of nose, eyes, and throat due to absorption of moisture and oils. This product can also cause nasal irritation and nosebleeds. Eye contact with powder dusts can result in mild irritation.
Prolonged and continuous exposure to excessive concentration of dust of any kind without using a dust mask may have an adverse pulmonary effect on some people. This overexposure may result in coughing, sputum, and reduced lung capacity. Pre-existing asthmatic conditions may worsen. Persons with lung diseases should not work in dusty areas unless a physician certifies their fitness to wear a respirator. (OSHA 1910.134). Liquids do not pose a dust hazard.
This product contains iron oxide, which is currently listed by OSHA & ACGIH as a fume hazard. Overexposure to dried particles may pose hazards to the eyes, ears & nose. Injury to the skin or mucous membranes can occur by rigorous skin cleaning or direct mechanical abrasion. Long term exposure to dust without respiratory protection may cause siderosis, a benign pneumoconiosis. Liquid products would not pose a dust hazard.
This product contains amorphous silica gel or precipitated silica containing 0% crystalline silica. Prolonged contact or overexposure to amorphous silica dust may cause drying of the mucous membranes and the skin.

12.0 ECOLOGICAL INFORMATION

ECOTOXICITY FISH: LC50 (zebra fish, 4d): 1-10 mg/l
ECOTOXICITY AQUATIC PLANTS: EC50 (algae, 3d): < 10 mg/l
ECOTOXICITY AQUATIC INVERTEBRATES: EC50 (daphnia magna, 48h) < 2 mg/l
ECOTOXICITY MICROORGANISMS: No data available.
PERSISTENCE AND DEGRADABILITY: Partially soluble in water. This product is predicted to partially degrade in soil and water.
BIOACCUMULATIVE / ACCUMULATION: Not expected to be bio accumulative.
MOBILITY IN SOIL: Not expected to adsorb on soil.
OTHER ADVERSE ECOLOGICAL EFFECTS: No data available.

13.0 DISPOSAL INFORMATION

WASTE DISPOSAL: Waste must be disposed in accordance with local, state, provincial and/or federal regulations. Empty containers must be handled with care as they contain product residue. Before disposing any container, remove as much residue as possible. Waste liquid or dried product should be incinerated at an approved treatment/disposal facility or approved landfill. Do not reuse containers unless they are properly reconditioned/recycled.
CONTAMINATED PACKAGING: Empty remaining contents from containers. Empty containers should be disposed in a safe manner, do not allow residue to enter waterways.

14.0 TRANSPORTATION INFORMATION

PROPER SHIPPING NAME - NA1993, COMBUSTIBLE LIQUID, n.o.s.,III (PETROLEUM DISTILLATES)(NOT FOR AIR&INTERNATIONAL)
SHIPPING LABEL - NOT REGULATED IF QTY. LESS THAN 119 GALLONS

15.0 REGULATORY INFORMATION

SARA 311/312 Hazards:
Acute Health Hazard
Chronic Health Hazard
Fire Hazard
SARA 302 HAZARDS: No chemicals in this product are subject to the reporting requirements of SARA Title III Section 302.
SARA 304 HAZARDS: No chemicals in this product are subject to the reporting requirements of SARA Title III Section 304.
SARA 313 HAZARDS: This product contains chemical components that are reportable by SARA Title III section 313. They are listed in Section 3 of this Safety Data Sheet.
TSCA: All chemical substances in this product are listed by the Toxic Substance Control Act Inventory as required by 40CFR 700-799. This product complies with TSCA requirements.
CANADA WHMIS CLASSIFICATION:
B2: Flammable Liquid
D2A: Very Toxic Material Causing Other Toxic Effects possible carcinogen or embryotoxin or mutagen in animals
D2B: Toxic Material Causing Other Toxic Effects Eye and/or Skin irritation on animals
CALIFORNIA PROP 65: Warning: This product contains products known to the State of California to cause cancer and/or birth defects or reproductive harm.
Ethyl benzene CAS# 100-41-1
REGULATORY INFORMATION: This product contains a Marine Pollutant. Do not allow this product to be spilled into or near watersheds or bodies of water.
This product contains amorphous silica which is on the New Jersey, Massachusetts and Pennsylvania Right-to-Know Lists.
CAS #7631-86-9
This product contains aromatic naphtha, light which is on the New Jersey and Pennsylvania Right-to-Know list.
CAS# 64742-95-6.
This product contains p-chlorobenzotrifluoride which is on the New Jersey and Pennsylvania Right-to-Know Lists.
CAS# 98-56-6 (4-chlorobenzotrifluoride)
This product contains ethyl benzene CAS#100-41-4 which is on the Pennslyvania, New Jersey and Massachusetts Right-to-Know Lists.
This product contains petroleum distillates CAS# 64742-47-8 which is on the New Jersey and Pennsylvania Right-to-Know Lists.
This product contains xylenes, mixed isomers which is on the New Jersey, Massachusetts & Pennsylvania Right-to-Know Lists (benzene, dimethyl-) CAS# 1330-20-7
REGULATORY INFORMATION: DiBasic Ester is a mixture of the following: 66% Dimethyl Glutarate (CAS# 1119-40-0), 17% Dimethyl Adipate (CAS# 627-93-0) and 16.5 Dimethyl Succinate (CAS# 106-65-0).

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16.0 OTHER INFORMATION

NOTICE: The HMIS rating for this material involves data and interpretations compiled from the various material suppliers of the component ingredients. This information will vary from supplier to supplier. The rating is intended for rapid and general identification of this product's hazards. To adequately deal with the safe handling of this material, all information contained in the SDS must be reviewed as part of an ongoing Hazard Communication Program.
This safety data sheet was prepared to comply with the U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200 and the international GHS recommendations. The most current dated copy supersedes any previous dated information. Older information should be deleted to avoid confusion. DEFINITIONS: HAP = Hazardous Air Pollutant
VHAP = Volatile Hazardous Air Pollutant
PRODUCT OF THE UNITED STATES

HAZARD RATING	0 - MINIMAL	3 - SERIOUS
	1 - SLIGHT	4 - SEVERE
	2 - MODERATE	* - CHRONIC

HMIS RATING HEALTH - * 2 FLAMMABILITY - 2 REACTIVITY - 1

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