



## 1.0 PRODUCT AND SUPPLIER IDENTIFICATION

<b>PRODUCT CLASS</b>	<b>TRADE NAME</b>	<b>MFG PRODUCT NO.</b>
CONSUMER PRODUCT	S150 RAIN WET SILK	76-033H

**Identified Uses:** CONSUMER PRODUCT, 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
Skin corrosion 1B	1	H314	Causes severe skin burns and eye damage
Flammable liquid	4	H227	Combustible liquid
Acute toxicity oral	4	H302	Harmful if swallowed
Acute toxicity dermal	3	H311	Toxic in contact with skin
Acute toxicity inhaled gases/vapors/dust/mist	3	H331	Toxic if inhaled
Specific target organ acute irritation-respiratory	3	H335	May cause respiratory irritation
Eye irritant mild 2B	2	H320	Causes eye irritation
Suspect reproductive toxicity	2	H361	Suspected of damaging fertility or the unborn child
Skin sensitizer	1	H317	May cause an allergic skin reaction

**Precautionary Statements:**

Do not breathe dust/fume/gas/mist/vapors/spray.  
Wash face, hands, and any exposed skin thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/ face protection.  
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.  
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
Keep away from heat/sparks/open flames/hot surfaces. NO SMOKING.  
In case of fire: See SDS section 5 for specific fire extinguishing agents.  
Store in a well ventilated place. Keep cool.  
Dispose of contents/container to licensed waste facility in accordance with local and national regulations, see SDS section 13 for additional information.  
Do not eat, drink or smoke when using this product.  
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
Rinse mouth.  
IF ON SKIN: Wash with soap and water.  
Call a POISON CENTER or doctor/physician if you feel unwell.  
See specific measures for safe handling in SDS sections 7 and 13.  
Remove/take off immediately all contaminated clothing.

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.

See specific treatment for first aid in SDS section 4.

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

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.

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.

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.



### 3.0 COMPOSITION AND INFORMATION ON INGREDIENTS

NT INGREDIENT	CAS#	ACGIH TLV		ACGIH STEL		OSHA PEL		OSHA CEILING		LEL % VOLUM	VAPOR PRESS		% BY Wght
		PPM	mg/m3	PPM	mg/m3	PPM	mg/m3	PPM	mg/m3		mm/Hg	DEG F	
A N-Methyl-2-pyrrolidone	872-50-4	10.00	-----	-----	-----	-----	-----	-----	-----	1.300	0.500 @	77.	3.74
NON-HAZARDOUS COMPONENT: Water	7732-18-5	-----	-----	-----	-----	-----	-----	-----	-----	-----	17.50 @	68.	64.0
Amorphous Silica Gel(dust)	112926-00-8	-----	10.00	-----	-----	-----	6.000	-----	-----	-----	-----	@	---

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: Remove to fresh air. Ensure airway is clear and breathing is comfortable. Get medical attention if breathing complications develop.

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.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known, no specific information available.

### 5.0 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water based product. Flashpoint for this product is listed as N/A or Not Applicable due to the presence of water. If water has boiled off, this product may exhibit properties of NFPA Class II, IIIA, or IIIB liquids. Extinguishing agents for Class B fires may be used.

UNUSUAL FIRE & EXPLOSION HAZARDS: Water based product. Sealed containers may explode if exposed to extreme heat.

Frozen containers may expand and leak contents when thawed. Water soluble liquids are non-accumulators of static charge. Static protection precautions such as container bonding or grounding would not be necessary. Flash point listed as N/A or not applicable due to the presence of water.

SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure buildup. Use water spray to cool fire exposed containers if they cannot be safely moved. Keep people away from firefighting operations involving chemicals. Firefighters wear a self-contained positive pressure breathing apparatus in addition to full protective gear.

### 6.0 ACCIDENTAL RELEASE MEASURES



STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Do not touch spilled material before utilizing protective equipment. See Section 8. Provide adequate ventilation to the spill area. Dike area with soda ash and spread soda ash liberally over the spillage. Mop up cautiously with plenty of water and contain all clean up materials. Follow local, state and federal spill notification rules.

ENVIRONMENTAL CONCERNS: Follow all local, state, provincial and/or federal spill notification procedures. Do not flush into sewers, drains or waterways.

WASTE DISPOSAL CONSIDERATIONS: Waste must be disposed in accordance with local, state, provincial and/or federal regulations. Empty containers must be handled with care as they retain product residue. Before disposing containers, remove as much residue as possible. Do not reuse containers until they are properly recycled. Check Section 13 for waste disposal options. Follow all label and SDS warnings.

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## 7.0 HANDLING AND STORAGE

ADVICE ON SAFE HANDLING: Wash hands thoroughly after handling. Wear proper PPE, eye protection, gloves and respirator. Maintain good housekeeping. Eye wash stations should be available in the workplace. Avoid puncturing the container, do not drag or drop. Spray operations must protect the worker from both vapors & spray/mist overspray. Keep from Freezing.

CONDITIONS FOR SAFE STORAGE: Follow safe warehousing procedures. Avoid puncturing the container. Keep containers away from excessive heat. KEEP FROM FREEZING!

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## 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 footwear 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 dust/ airborne particulates and organic vapor concentrations below OSHA personal exposure limits (PEL) of the chemicals listed in Section 3. Remove smoke or fumes formed by welding, flame cutting or grinding surfaces coated with this material. Provide proper respiratory protection if ventilation or exhaust is inadequate. Use explosion-proof ventilation equipment.

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 silica-amorphous: (CAS# 112926-00-8) (Silica, Silica Gel) OSHA (PEL): TWA = 6mg/m3 (total dust) ACGIH(TLV): TWA =10mg/m3 (total dust).



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## 9.0 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	N/A LIQUID
ODOR	Chemical
ODOR THRESHOLD (ppm)	0
pH	8-8.5
FREEZING POINT	32 Degrees Fahrenheit, 0 Degrees Celsius
BOILING RANGE	212-752 F
FLASH POINT	N/A
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)	8.5516
SOLUBILITY	SOLUBLE IN WATER
AUTOIGNITION TEMP	>500 degrees Fahrenheit
DECOMPOSITION TEMP	(Not Determined)
VISCOSITY	15-20#3 ZAHN

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## 10.0 STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal storage conditions.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid freezing, avoid high heat. Never use pressure to empty. Do not drag, puncture or drop containers. Do not stack pails over 4 high.

INCOMPATIBILITIES: Keep away from all oxidizing materials. May form explosive peroxides of unknown stability. Material can react violently with strong oxidizing agents.

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.

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## 11.0 TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Ingestion, inhalation, eye contact, skin contact absorption.

ACUTE TOXICITY ORAL: LD50 (rat): >3,000 mg/kg

ACUTE TOXICITY DERMAL: LD50 (rabbit): >7,500 mg/kg

ACUTE TOXICITY INHALATION: No data available.

SKIN CORROSION/IRRITATION: Causes skin drying and cracking. May cause moderate to severe skin irritation.

SERIOUS EYE DAMAGE/IRRITATION: Causes eye irritation.

RESPIRATORY SENSITIZATION: Will cause sensitization.

SKIN SENSITIZATION: May cause sensitization in susceptible individuals. May cause allergic reactions.

SINGLE DOSE TOXICITY: May cause specific target organ toxicity in acute exposures. See specific information in section 2 of this SDS.

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: May be harmful if swallowed and enters airways.

REPRODUCTIVE TOXICITY: Some evidence of adverse effects on sexual function and fertility, and/or development, based on animal lab testing.

GERM CELL MUTAGENICITY: Positive as well as negative results were found in mutagenicity testing.



**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.

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 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.

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## **12.0 ECOLOGICAL INFORMATION**

**ECOTOXICITY FISH:** LC50 (golden orfe, 4d): > 4,000 mg/l

**ECOTOXICITY AQUATIC PLANTS:** EC50 (algae, 3d): > 500 mg/l

**ECOTOXICITY AQUATIC INVERTEBRATES:** EC50 (daphnia magna, 48h) > 4,000 mg/l

**ECOTOXICITY MICROORGANISMS:** EC50 (bacteria, 2d): >8,000 mg/l

**PERSISTENCE AND DEGRADABILITY:** No data available.

**BIOACCUMULATION / ACCUMULATION:** No data available.

**MOBILITY IN SOIL:** No data available.

**OTHER ADVERSE ECOLOGICAL EFFECTS:** No data available.

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## **13.0 DISPOSAL INFORMATION**

**WASTE DISPOSAL PROCEDURE:** This product contains a small quantity of a pesticide. Improper disposal of excess product or residue is a violation of federal law. Do not contaminate food, water, or feed by storage or disposal. This product is toxic to fish. Do not discharge into lakes, streams or other waters. Do not discharge to sewer systems without proper authorization. Follow all local, state, provincial and/or federal waste disposal codes.

**CONTAMINATED PACKAGING:** Empty remaining contents from containers. Empty containers should be disposed in a safe manner, do not allow residue to enter waterways.

**REGULATORY INFORMATION:** This product contains a Marine Pollutant. Do not allow this product to be spilled into or near watersheds or bodies of water.

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## **14.0 TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME** - NOT REGULATED, WATER BASED PRODUCT KEEP FROM FREEZING  
 SHIPPING LABEL - KEEP FROM FREEZING LABEL

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## **15.0 REGULATORY INFORMATION**

**SARA 311/312 Hazards:**  
 Acute Health Hazard  
 Chronic Health Hazard

Due to the presence of water, this product does not sustain combustion - USDOT 49CFR173.120(b) (3)



Rymar LLC  
6620 N CTH J  
Cato, WI 54230

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

**S150**

**SAFETY DATA SHEET**

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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:  
 B3: Combustible 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.  
 N-Methyl 2-pyrrolidone CAS# 872-50-4 Listed as causing developmental toxicity.  
 This product contains N-methyl-2-pyrrolidinone which is on Pennsylvania Right-to-Know List: CAS# 872-50-4  
 SPECIAL HANDLING PRECAUTION: Avoid skin contact & ingestion. Keep away from food. Avoid breathing dusts if generated.  
 Reseal container after using. This product contains an EPA regulated pesticide.

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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 - 0      REACTIVITY - 1

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