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Product Code: L902-1

Product Name: HIGH SOLIDS WATERBORNE SATIN (1 GAL)

GEMINI INDUSTRIES, INC., 2300 HOLLOWAY DRIVE, EL RENO, OK 73036

24-hour Emergency Phone: 800-510-8510

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

(SEE TOP OF PAGE)

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT/EXPOSURE LIMITS	CAS#
JONCRYL 537	MIXTURE
AMMONIUM HYDROXIDE: 25ppm ACGIH/OSHA TWA, 35 ppm ACGIH/OSHA STEL	
STYRENE ACRYLIC POLYMERS	NA
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2
ACGIH 25ppm TWA	
OSHA 25ppm TWA	
2-(2-BUTOXYETHOXY) ETHANOL	112-34-5
OSHA PEL: NOT LISTED	
ACGIH TLV: NOT LISTED	
AMMONIUM HYROXIDE	1336-21-6
POLYPROPYLENE GLYCOL	25322-69-4

3. HAZARDS IDENTIFICATION

Vapor causes eye burns and skin irritation.

POTENTIAL HEALTH EFFECTS

SKIN: Skin contact can cause redness, dryness or rash. Prolonged contact can cause irritation, dry skin, and dermatitis.

INGESTION: Ingestion may cause vomiting, nausea, diarrhea and gastrointestinal irritation.

INHALATION: Breathing of high vapor concentrations may produce narcosis. Eye contact can cause irritation, redness, tearing and blurred vision. Skin contact can cause redness, dryness or rash. Prolonged contact can cause irritation, dry skin, cracks and dermatitis. Ingestion may cause vomiting, nausea, diarrhea and gastrointestinal irritation. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes eye, skin, nose and throat irritation. May be harmful if absorbed through the skin. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain or nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be fatal.

4. FIRST AID MEASURES

EYES: Direct contact may cause eye irritation. Flush immediately with water for 15 minutes and get medical attention.

SKIN: Irritating to the skin on repeated or prolonged contact. Wash thoroughly with soap and water while removing contaminated clothing and shoes.

INGESTION: Move person to fresh air. Vapor or mist can cause headache, nausea and irritation of the nose, throat and lungs in poorly ventilated areas.

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INHALATION: Can cause gastrointestinal irritation. DO NOT induce vomiting. Contact physician or your local poison control center immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASSIFICATION: CLASS 1B

LOWEST FLASH POINT: 143F METHOD: TCC

FLAMMABLE LIMITS:

LOWER FLAMMABLE LIMIT: .85

UPPER FLAMMABLE LIMIT: 24.6

EXTINGUISHING MEDIA: Alcohol Foam, CO2, Dry Chemical.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Closed containers exposed to extreme heat may rupture due pressure buildup. Product will not burn, but spatter if temperature exceeds boiling point of product. Dried finish can burn, giving off oxides of ca

FIREFIGHTING INSTRUCTIONS: None known. However, fire fighters should wear self-contained breathing apparatus to avoid inhalation if material is involved in a general fire.

6. ACCIDENTAL RELEASE MEASURES

Dike spill area and add absorbent earth, sand or sawdust to spilled liquid. Keep out of sewers.

Collect absorbent/spilled liquid into metal containers. Dispose of in accordance with local, state and regulations. DO NOT incinerate closed containers. Incinerate in approved facilities.

Keep containers tightly closed when not in use. Store in cool, well ventilated areas away from heat and direct sunlight. KEEP FROM FREEZING! Wash thoroughly after handling.

Other Precautions: DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. Avoid prolonged or repeated contact with skin. Use with adequate ventilation. Wash hands after using and before smoking or eating. Follow all precautions given in this data sheet until container is thoroughly cleaned and destroyed.

7. HANDLING AND STORAGE

HANDLING: Bond and ground metal containers when transferring liquid. Avoid free fall of liquid in excess of a few inches. Personnel should avoid inhalation of vapors. Personal contact with the product avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Contact of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor and/or solid), all hazard precautions given in this sheet must be observed.

**** KEEP TEMPERATURE ABOVE 32 DEGREES F**

STORAGE: Keep product containers dry and away from sources of ignition. Use and store this product with adequate ventilation. DO NOT SMOKE in or near storage areas.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Provide general clean air dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below applicable exposure limits. Refer to OSHA Standard 29CFR1910.94.

SKIN PROTECTION: Polyethylene handling gloves for skin protection. Must be impervious to water and soap.

EYE PROTECTION: Wear splashproof goggles and face shield if there is a likelihood of contact with eyes.

Provide eyewash station and emergency shower. Use of protective creams, head covers, etc. is recommended. Avoid contact with contaminated clothing. Wash contaminated clothing, including shoes before reuse.

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HYGENIC PRACTICES: Wash hands thoroughly before eating or using restroom. Do not smoke around open container while vapor levels are high. Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during the use of this product until vapor or mists levels are below a exposure limits. Observe OSHA standard 29CFR1910.134.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 336F

MELTING POINT: N/A

VAPOR PRESSURE: N/A

VAPOR DENSITY: Heavier Than Air

SOLUBILITY IN WATER: N/A

SPECIFIC GRAVITY: 1.03

COATING VOC LB/GL: 2.91 lb/gl

COATING VOC GM/LTR: 349 g/l

MATERIAL VOC LB/GL: 1.6 lb/gl

MATERIAL VOC GM/LTR: 192 g/l

% VOLATILE BY VOLUME: 65.25%

EVAPORATION RATE: Faster than Butyl Acetate.

HAPS/GALLON: .8631

LBS HAPS/LBS SOLID: .2637

WEIGHT PER GALLON: 8.61 lb/gl

PH: N/A

ODOR: N/A

APPEARANCE: N/A

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable Conditions to Avoid: excessive heat, poor ventilation, excessive aging.

INCOMPATIBILITY Materials to Avoid: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition or combustion can produce fumes of carbon dioxide and carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

CANCER INFORMATION: This product contains no reported carcinogens or suspected carcinogens.

TERATOLOGY (BIRTH DEFECT) INFORMATION: This product contains no reported or suspected teratogens.

REPRODUCTION INFORMATION: This product contains no reported or suspected mutagens.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Uncontrolled release of the product may result in contamination of air, ground, waterways and/or sewers.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT NUMBER: N/A

15. REGULATORY INFORMATION

HMIS HAZARD INDEX: 4=SEVERE, 3=SERIOUS, 2=MODERATE, 1=SLIGHT, 0=LEAST

HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

PERSONAL PROTECTION: B

SECTION 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

M A T E R I A L S A F E T Y D A T A S H E E T

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16. OTHER INFORMATION:

THE INFORMATION CONTAINED HEREIN IS INFORMATION RECEIVED FROM OUR RAW MATERIAL SUPPLIERS AND OTHER SOURCE BELIEVED TO BE RELIABLE. THIS DATA IS NOT TO BE TAKEN AS A WARRANTY OR REPRESENTATION FROM WHICH GEMINI INDUSTRIES, INC. ASSUMES LEGAL RESPONSIBILITY.