



# MATERIAL SAFETY DATA SHEET

System Three Resins, Inc.

3500 W. Valley Hwy N; Suite 105

Auburn, Washington 98001

## SECTION I - PRODUCT IDENTIFICATION

Product Name: **Spar Urethane Varnish, Gloss & Satin**

MSDS Number: 1850-5

Date of Prep: June 10, 2009

Product Type: Oil-modified urethane polymer

Information: 253-333-8118

24-Hr. Emergency Phone:

Prepared By: J. Bartlett

CHEMTREC: 1-800-424-9300

Hazard Ratings:

Health 2

Fire 2

Reactivity 0

## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	AMOUNT	CAS NUMBER	OSHA PEL	ACGIH TLV
Mineral Spirits	40-50%	64742-47-8	100ppm	100ppm

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Range: 300-448°F

Specific Gravity: 1.01

Vapor Density: Heavier than Air

Material V.O.C.: 420 g/l

Evaporation Rate: Slower than Ether

Water Solubility: Negligible

Appearance and Odor: Amber liquid with characteristic odor.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: > 105°F

Method: Pensky-Martens Closed Cup

Flammable Limits in Air By Volume % - Lower: 0.9 Upper: 6.0

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, Water Fog

Special Firefighting Procedures: When fighting chemical fires wear full protective equipment with self-contained breathing apparatus. Water spray may be used to cool fire exposed containers. Toxic fumes may be evolved when this substance is burned.

## SECTION V - REACTIVITY DATA

Stability: Stable.

Hazardous Polymerization: Will not occur.

Incompatibility: Strong oxidizing agents, Lewis and mineral acids.

Hazardous Decomposition Products: Oxides of carbon, aldehydes, acids

Conditions to Avoid: Avoid extreme heat, sources of ignition.

## SECTION VI - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

Acute: Nausea, dizziness. Odor may irritate nose, throat and respiratory tract of some persons.

Chronic: No long-term effects are known from exposure to this product.

Carcinogenicity: IARC: No NTP: No OSHA: No

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush with water for 15 minutes holding eyelids open. Seek medical attention.

Skin: Remove contaminated clothing and shoes and wipe excess off skin. Flush skin with water. Follow by washing in soap and water. If irritation occurs, seek medical attention. Do not reuse clothing until cleaned. Contaminated leather articles (shoes) can not be decontaminated and should be destroyed.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

Ingestion: DO NOT INDUCE VOMITING. Product is an aspiration hazard. Do not give liquids if victim is unconscious or very drowsy.

Medical Conditions Generally Aggravated by Exposure: Existing respiratory conditions could be aggravated by repeated or prolonged exposure to vapors from this product.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

If Material is Spilled: Avoid contact with material. Persons not wearing appropriate protective equipment should leave the area of the spill until cleanup is complete. Stop spill at source, dike area to prevent spreading, pump liquid to salvage tank or drum. Remaining liquid may be taken up on clay, diatomaceous earth, sawdust, or other absorbant, and shoveled into disposal containers.

Waste Disposal Method: Place in an appropriate disposal facility in compliance with federal, state, and local regulations.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: In the absence of proper environmental control a NIOSH-approved respirator is required. For emergencies, a self-contained breathing apparatus or full-faced respirator is recommended.

Ventilation: Provide adequate ventilation in work areas. Confine material in sealed containers when not in use.

Hand Protection: Always wear impervious gloves, neoprene, vinyl or rubber.

Eye Protection: Splash proof goggles or safety spectacles with side shields are recommended.

Other Protective Equipment: Wear clean, body-covering clothing to avoid skin contact.

## SECTION IX - TRANSPORTATION REQUIREMENTS

Department of Transportation Classification:

D.O.T. Proper Shipping Name:

1 gallon or less: ORM-D, Consumer Commodity

More than 1 gallon:

Paint Related Material, 3, UN1263, PG III

Other Requirements:

This product contains no toxic chemicals subject to the report requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

All materials in this product are registered on the TSCA and the DSL.