

# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Material Identification

**Product ID:** 28059  
Product Name: SSS Waterbourne Aliphatic Urethane/Acrylic Wood Finish (WP-31)  
Product Use: Paint product.  
Date Published: 2005/02/28  
Revision Date: 2005/02/27

### Company Identification

Standardized Sanitation Systems, Inc.  
2 Executive Park Drive  
Billerica, MA 01862  
Manufacturer's Phone: 1-978-667-7900

**24-Hour Medical Emergency Phone:** 1-888-779-1339

## 2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS #	Approx Wt%	Chemical name
N-METHYLPYRROLIDONE 872-50-4	1 - 5	1-Methyl-2-pyrrolidone
DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8	1 - 5	Dipropylene glycol monomethyl ether
DIPROPYLENE GLYCOL BUTOXY ETHER 29911-28-2	1 - 5	2-Propanol, 1-(2-butoxy-1-methylethoxy)-

If this section is blank there are no hazardous components per OSHA guidelines.

## 3. HAZARDS IDENTIFICATION

### Primary Routes of Exposure:

Inhalation  
Ingestion  
Skin absorption

### Emergency Overview:

This section not in use.

**This product contains ingredients that may contribute to the following potential acute health effects:**

### Inhalation Effects:

Harmful if inhaled. May affect the brain, nervous system, or respiratory system, causing dizziness, headache, nausea or

respiratory irritation.

**Eye Contact:**

Corneal Injury/eye damage.

**Skin Contact:**

May cause moderate skin irritation.

**Acute Ingestion:**

None known

**Other Effects:**

None known

**This product contains ingredients that may contribute to the following potential chronic health effects:**

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. May cause eye damage and pain. May cause liver damage. May cause kidney damage.

See Section 11 for toxicological information about Mutagens, Teratogens and Carcinogens.

If this section is blank, no information is available.

## 4. FIRST AID MEASURES

**Inhalation:**

If affected by inhalation, move victim to fresh air. If symptoms persist, seek medical attention.

**Eye Contact:**

In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

**Skin Contact:**

In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. If irritation persists get medical attention. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean contaminated shoes.

**Ingestion:**

If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. If swallowed, get medical attention immediately.

**Medical conditions aggravated by exposure:** Any respiratory or skin condition.

## 5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	201° F ( 94° C) TCC/PM
Lower explosive limit:	Not available. %
Upper explosive limit:	Not available. %
Autoignition temperature:	Not available.° F ( ° C)
Sensitivity to impact:	No.
Sensitivity to static discharge:	Sensitivity to static discharge is not expected. Not typically sensitive to static discharge hazards. Please see bonding and grounding information in Section 7.

Hazardous combustion products: See Section 10.

**Unusual fire and explosion hazards:**  
None known.

**Extinguishing media:**  
Carbon dioxide, dry chemical, foam and/or water fog.

**Fire fighting procedures:**  
Use water spray to cool nearby containers and structures exposed to fire. Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Action to be taken if material is released or spilled:**  
Ventilate area. Avoid breathing of vapors. Use self-containing breathing apparatus or airmask for large spills in a confined area. Wipe, scrape or soak up in an inert material and put in a container for disposal. See section 5, "Unusual Fire and Explosion Hazards", for proper container and storage procedures. Avoid contact with eyes.

## 7. HANDLING AND STORAGE

**Precautions to be taken in handling and storage:**  
Keep container closed when not in use. Keep from freezing. Since emptied containers may contain product residue, follow all label warnings, even after container is emptied. Do not cut, drill, grind, or weld on or near this container.

## 8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

### Personal Protective Equipment

**Eye and face protection:**  
Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye.

**Skin protection:**  
Appropriate chemical resistant gloves should be worn. To prevent skin contact wear protective clothing covering all exposed areas.

**Respiratory protection:**  
If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

**Ventilation**  
Required when spraying or applying in confined area.

### Exposure Guidelines

#### OSHA Permissible Exposure Limits (PEL's)

Common Name CAS #	Approx Wt%	TWA (final)	Ceilings limits (final)	Skin designations
DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8	1 - 5	600 MGM3 100 ppm		Can be absorbed through the skin.

## ACGIH Threshold Limit Value (TLV's)

Common Name CAS #	Approx Wt%	TWA	STEL	Ceiling limits	Skin designations
DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8	1 - 5	100 ppm	150 ppm		Can be absorbed through the skin.

If this section is blank, no information is available.

## 9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	Liquid
pH:	Not determined.
Vapor pressure:	24 mmHG @ 68° F ( 20° C)
Vapor density (air = 1.0):	6.6
Boiling point:	212° F ( 100° C)
Solubility in water:	Soluble
Coefficient of water/oil distribution:	Not determined.
Density (lbs per US gallon):	8.53
Specific gravity (water = 1):	1.02
Evaporation rate (butyl acetate = 1.0):	1

## 10. STABILITY AND REACTIVITY

Stability:	This product is stable.
Conditions to Avoid:	None known.
Incompatibility:	Avoid water-reactive materials, heat or contact with peroxides or other catalysts.
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide.

**Sensitivity to static discharge:** Sensitivity to static discharge is not expected. Not typically sensitive to static discharge hazards. Please see bonding and grounding information in Section 7.

## 11. TOXICOLOGICAL INFORMATION

### Mutagens:

Common Name CAS #	Approx Wt%	Calif- Prop. 65. Developmental Toxicity	California Prop 65 - reproductive male
N-METHYLPYRROLIDONE 872-50-4	1 - 5	Listed: June 15, 2001 Developmental toxin.	YES

### Teratogens:

Testicular effects.

### Carcinogens:

If this section is blank, no information is available.

## 12. ECOLOGICAL DATA

Not available at this time.

## 13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

## 14. TRANSPORTATION INFORMATION

### U.S. Department of Transportation

Proper Shipping Name: PAINT, NOT REGULATED  
UN ID Number: NRPAIN

### 49 CFR Hazardous Material Regulations Parts 100-180

The supplier will apply the combustible liquid exception in 49 CFR 173.150(f), limited quantity or "does not sustain combustion" exceptions and consumer commodity rules, when authorized. Please check 49 CFR Parts 100-180 to determine if the use of these exceptions applies to your shipments when re-shipping our products.

### International Air Transport Association:

Proper Shipping Name: PAINT, NOT REGULATED  
UN ID Number: NRPAIN

### International Maritime Organization:

Proper Shipping Name: PAINT, NOT REGULATED  
UN ID Number: NRPAIN

## 15. REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS:

Common Name CAS #	Approx Wt%	SARA 302	SARA 313	CERCLA RQ IN LBS.
N-METHYLPYRROLIDONE 872-50-4	1 - 5		form R reporting required for 1.0% de minimis concentration	

### SARA 311/312 Hazard Class:

Acute: Yes  
Chronic: Yes  
Flammability: No  
Reactivity: No  
Sudden Pressure: No

### U.S. STATE REGULATIONS:

Pennsylvania Right To Know:

DIPROPYLENE GLYCOL BUTOXY ETHER  
DIPROPYLENE GLYCOL METHYL ETHER  
N-METHYLPYRROLIDONE

29911-28-2  
34590-94-8  
872-50-4

#### **Additional Non-Hazardous Materials**

WATER  
SUPPLIER TRADE SECRET  
POLYURETHANE DISPERSION

7732-18-5  
Trade Secret  
UNKNOWN

#### **California Proposition 65:**

WARNING: This product contains chemicals known to the State of California to cause birth defects or other reproductive harm.

**Rule 66 status of product** Not photochemically reactive.

#### **INTERNATIONAL REGULATIONS - Chemical Inventories**

**TSCA Inventory:** All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

**Canada Domestic Substances List:** Not all components in this product are listed on the Domestic Substances List.

## **16. OTHER INFORMATION**

#### **HMIS Codes**

**Health:** 3  
**Flammability:** 1  
**Reactivity:** 1  
**PPE:** X - See Section 8 for Personal Protective Equipment (PPE).

#### **Abbreviations:**

OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

#### **Disclaimer:**

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