

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Company Identification

Product Number: 28057
Product Name: SSS High Solids Waterborne Urethane/Acrylic Wood Finish (WP-10)
Product Use: Paint product
Print date: 2005/07/21
Revision Date: 2005/07/21

Company Identification

Triple S
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-No.	approx. Weight %	Chemical name
N-METHYL-2-PYRROLIDONE 872-50-4	5 - 10	1-Methyl-2-pyrrolidone
DIETHYLENE GLYCOL BUTYL ETHER 112-34-5	1 - 5	Diethylene glycol monobutyl ether
TRIETHYLAMINE 121-44-8	1 - 5	Triethylamine
METHYL ETHYL KETONE 78-93-3	1 - 5	Methyl ethyl ketone

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. May cause eye burns.

Skin Contact:

May cause skin burns. Harmful if absorbed through the skin.

Acute Ingestion:

May cause burns of the mouth, throat and stomach.

Other Effects:

Contains ingredients which are corrosive. May cause kidney damage. May cause liver damage.

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 dermatitis. May cause liver damage. May cause effects to the blood and blood system. May cause kidney damage. Possible sensitization.

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. If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get 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 shoes and discard. Remove contaminated clothing and launder before reuse.

Ingestion:

If swallowed, get medical attention immediately. If swallowed, do not induce vomiting. Give large quantities of water. If available, give several glasses of milk. Never give anything by mouth to an unconscious person. 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. Subject 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.

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-No.	approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
TRIETHYLAMINE 121-44-8	1 - 5	100 MGM3 25 ppm		
METHYL ETHYL KETONE 78-93-3	1 - 5	590 MGM3 200 ppm		

ACGIH Threshold Limit Value (TLV's)

Common Name CAS-No.	approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
TRIETHYLAMINE 121-44-8	1 - 5	1 ppm	3 ppm		Can be absorbed through the skin.
METHYL ETHYL KETONE 78-93-3	1 - 5	200 ppm	300 ppm		

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:	78 mmHG @ 68° F (20° C)
Vapor density (air = 1.0):	5.6
Boiling point:	156° F (69° C)
Solubility in water:	Soluble
Coefficient of water/oil distribution:	Not determined.
Density (lbs per US gallon):	8.63
Specific Gravity	1.03
Evaporation rate (butyl acetate = 1.0):	5.6

10. STABILITY AND REACTIVITY

Stability	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. Nitrogen compounds.

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. Subject to static discharge hazards. Please see bonding and grounding information in Section 7.

11. TOXICOLOGICAL INFORMATION

Mutagens:

Common Name CAS-No.	approx. Weight %	Calif- Prop. 65. Developmental Toxicity	California Prop 65 - reproductive male
N-METHYL-2- PYRROLIDONE 872-50-4	5 - 10	Listed: June 15, 2001 Developmental toxin.	

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-No.	approx. Weight %	SARA 302	SARA 313	CERCLA RQ IN LBS.
N-METHYL-2- PYRROLIDONE 872-50-4	5 - 10		form R reporting required for 1.0% de minimis concentration	
DIETHYLENE GLYCOL BUTYL ETHER 112-34-5	1 - 5		YES	

TRIETHYLAMINE 121-44-8	1 - 5		form R reporting required for 1.0% de minimis concentration	5000
METHYL ETHYL KETONE 78-93-3	1 - 5			5000

SARA 311/312 Hazard Class:

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

U.S. STATE REGULATIONS:

Pennsylvania Right To Know:

DIETHYLENE GLYCOL BUTYL ETHER	112-34-5
TRIETHYLAMINE	121-44-8
METHYL ETHYL KETONE	78-93-3
N-METHYL-2-PYRROLIDONE	872-50-4

Additional Non-Hazardous Materials

PROPRIETARY RESIN	Trade Secret
WATER	7732-18-5
PROPRIETARY RESIN	Trade Secret

California Proposition 65:

WARNING: This product contains a chemical 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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