

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID: WI80105/01
Product Name: Generations Water-Based Stain.
Product Use: Stain Product.
Print Date: 5/6/13
Revision Date: 5/6/13

Company Identification

Wood Iron Wood Finishes
10475 Irma Drive, Unit 7
Northglenn, CO 80233
Manufacturer's Phone: 1-888-966-3476

24 Hour Medical Emergency Infotrac 1-800-535-5053

2. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion and/or
Skin absorption

Eye Contact:

May cause eye irritation.

Skin Contact:

May cause skin irritation.

Inhalation:

If inhaled, remove to fresh air. Get medical attention, if symptoms develop or persist. Medical conditions aggravated by exposure: any respiratory or skin condition.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
Acrylic Copolymer	20-30	Proprietary
Poly (oxy-1,2-ethanediyl),.alpha.- (nonylphenyl)-omega.-hydroxy-,branched 68412-54-4	1-3	Poly (oxy-1,2-ethanediyl),.alpha.- (nonylphenyl)-.omega.-hydroxy-,branched
Propylene Glycol 57-55-6	1-5	1,2-Propylene glycol

4. FIRST AID MEASURES

Eye Contact:

Flush eye(s) with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact:

Remove contaminated clothing and shoes. Wash off immediately. With plenty of water for at least 15 minutes. If symptoms persist or develop, get medical attention.

Ingestion:

Get medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Inhalation:

If inhaled, remove to fresh air. Get medical attention if symptoms develop or persist.

Medical conditions aggravated by exposure:

Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point:	Greater than 212°F
LEL-Lower explosive limit	Not Determined
UEL-Upper explosive limit	Not Determined
Auto-ignition	Not Determined

Hazardous combustion products:

None.

Special Properties:

None

Product ID: WI80105/01

Page 2/6

FIRE FIGHTING MEASURES

Unusual fire and explosion hazard:

None known.

Extinguishing Media:

Foam CO₂, dry chemical, and/or water fog.

Fire fighting procedures:

Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep all surrounding containers cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Steps to take in case material is released or spilled:

Ventilate area, contain spillage, absorb with non-combustible material and place into approved container for disposal. Observe all Federal, State and Local regulations for absorbing, disposal and notification.

7. HANDLING AND STORAGE

Precautions to be taken in handling, storage and use:

Keep container closed when not in use. Do not let Freeze. Do not take internally. Suitable storage for material should be in accordance with OSHA regulations. Dispose of empty containers properly and follow all label and warnings even after container is empty. Do not cut or puncture container.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:

Wear safety glasses or goggles to protect against exposure.

Skin Contact:

Appropriate chemical resistant gloves should be worn.

Respiratory Protection:

Control exposure below applicable limits or use appropriate NIOSH approved respirator with organic vapor cartridges and dust/mist pre-filter. Consult respirator manufacturer for proper respirator for protection needed. Follow all respirator manufacturers instructions on proper use of respirator.

PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Ventilation:

Use only in well ventilated areas, take special precautions in confined areas.

Exposure Guidelines

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
Propylene Glycol 57-55-6	1-5	10 ppm 10 mg/m ³ TWA			

9. PHYSICAL PROPERTIES

Physical State:	Liquid.
Odor:	Slight odor.
Color:	Milky white.
Boiling Point:	212°F/100°C
Solubility in water:	Not determined.
Density (lbs./US gal.)	8.49
Evaporation rate: (butyl acetate = 1.0)	1
Flash Point F/C	212°F/100°C
Lower explosive limit	1
Upper explosive limit	17
Autoignition temperature	Not determined.
Ph	Not determined.
Vapor pressure	NA
Vapor density (air = 1.0)	>1
VOC	122 g/l

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to Avoid: None known.
Incompatibility: Avoid water-reactive materials, heat or contact with catalysts.
Hazardous Polymerization: None anticipated.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen compounds.
Sensitivity to static discharge: Not expected.

11. TOXICOLOGICAL INFORMATION

Ingredient Name CAS-No.	Approx. Weight %	NIOSH- Selected LD50s and LC50s
Poly (oxy-1,2-ethanediyl),.alpha.-(nonylphenyl)-.omega.-hydroxy-,branched 68412-54-5	1-3	=3,000-7,400 mg/kg LD50 Rat =4,400 mg/kg LD50 Rabbit
Propylene Glycol 57-55-6	1-5	=20000 mg/kg Oral LD50 Rat =20800 mg/kg Dermal LD50 Rabbit

Mutagens/Teratogens/Carcinogens: None known.

12. ECOLOGICAL DATA

No information on ecology is available.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT) Not regulated.
International Maritime Organization (IMO) Not regulated.

15. REGULATORY INFORMATION

U.S. Federal Regulations:

SARA Title III: Section 311/312 Hazard Class:

Acute: yes
Chronic: yes
Flammability: 0
Reactivity: 0
Sudden Pressure: 0

SARA TITLE III: Section 313

Proprietary inert: Trade Secret
Proprietary Resin
Proprietary ingredient

Product ID: WI80105/01

Page 5/6

REGULATORY INFORMATION

INTERNATIONAL REGULATIONS – Chemical Inventories

US TSCA Inventory:

All components of this product are on TSCA inventory and are in compliance with U.S. requirements.

Canada Domestic Substances List:

All components of this product are on Canadian Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes:

Health:	1
Flammability:	0
Reactivity:	0

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, ° - Degrees.

Disclaimer:

The information contained herein is based on data available at the time of preparation of this material safety data sheet and which Wood Iron Wood Finishes believes to be reliable. However, no warranty is expressed or implied regarding the accuracy of this data. Wood Iron Wood Finishes shall not be responsible for the use of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and the health and safety of your employees and users of this material. Complies with OSHA Hazard Communication Standard 29CFR1910.1200.

Preparation Information:

Prepared By: Technical Research Dept.
Print Date: May 6, 2013
Revision Date: May 6, 2013

Product ID: WI80105/01

Page 6/6