



H.M.I.S. RATING	
Health	1
Flammability	1
Reactivity	0
Protective Equip.	E

Material Safety Data Sheet – OSHA 174

Material Safety Data Sheet

May be used to comply with OSHA's Hazard communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

US Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

MASTER-FLO SEALER REMOVER

Product No.
T2050/T2060

SECTION I - Manufacturer / Product Information

Manufacturer's Name: ThorWorks Industries, Inc.	Emergency Telephone No.: Chemtrec: 1-800-424-9300
Address: 2520 South Campbell Street Sandusky, Ohio 44870	Telephone Number for Information: 1-800-326-1994
	Date Prepared: August 10, 2004

SECTION II - Chemical Identity Information

Ingredient	CAS #	OSHA PEL	ACGIH TLV	Other Limits	Percent
Aromatic Hydrocarbons	64742-95-6			200 ppm	40-70
Ethylene Glycol	111-76-2	50 ppm			2-5
Monobutyl P.				370 ppm	100

SECTION III - Physical / Chemical Characteristics

Boiling Point: 290° Fahrenheit	Specific Gravity (H₂O = 1): 0.93
Vapor Pressure (mm Hg): 0.078 mm @ 77 deg. F.	Melting Point: N/A
Vapor Density (AIR = 1): 3.4	Evaporation Rate (Butyl Acetate = 1): <0.01
Solubility in Water: Complete. Turns milky white when mixed with water.	
Appearance and Odor: Colorless liquid, Slight solvent odor with bitter-almond or wintergreen fragrance	

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used): 140 deg. F.	Flammable Limits:	LEL: 1.1%	UEL: 8.6%
	Autoignition temp. 130°F. PMCC		
Extinguishing Media: Foam, CO ₂ , dry chemical, water fog.			
Special Fire Fighting Procedures: Normal combustion causes carbon dioxide and water vapors. Incomplete combustion can form carbon monoxide.			
Unusual Fire and Explosion Hazards: None.			

SECTION V - Reactivity Data

Stability:	Unstable:	Stable: X	Conditions to Avoid: Can affect some plastics, paints, and fugitive dyes. Test materials first.
Incompatibility (Materials to Avoid): None Known			
Hazardous Decomposition or Byproducts: See special fire fighting procedures.			

Hazardous Polymerization: **May Occur:** **Will Not Occur:** X **Conditions to Avoid:** N/A

SECTION VI - Health Hazard Data

Route(s) of Entry: **Inhalation?** Yes **Skin Contact?** No **Ingestion?** Yes **Eye Contact?** Yes
Health Hazards (Acute and Chronic): **Prolonged inhalation of vapors:** Nausea, drowsiness. **Skin:** Local irritation, dryness, chapping or dermatitis. **Ingestion:** Diarrhea, nausea, cramps. Unconsciousness and death in extreme cases. **Eyes:** Irritation.

Carcinogenicity: **NTP?** No **IARC Monographs?** No **OSHA Regulated?** No
Signs and Symptoms of Exposure: See "Health Hazards"

Medical Conditions Generally Aggravated by Exposure: None known.

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air.

Ingestion: Do not induce vomiting. If vomiting occurs keep head below hips to prevent aspiration into lungs. SEEK MEDICAL HELP.

Skin Contact: flush completely with water.

Eye Contact: Flood with water for 15 minutes while holding eyelids open. GET MEDICAL HELP.

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: absorb with sand, diatomaceous earth, sawdust or shredded newspapers. Or dilute with water to acceptable waste water ratio. Or contain with temporary dam and collect spill for reuse. Turns milky white when mixed with water.

Waste Disposal Method: Dispose of in accordance with Local, State, and Federal regulations.

Precautions to Be Taken in Handling and Storage: Store in cool place. May turn cloudy if stored above 100 deg. F. Combustible product. Avoid sparks and open flame

Other Precautions: Keep containers closed when not in use. Steel drums, even emptied, can contain explosive vapors. Do not cut, drill, grind or weld on or near these drums. Keep product away from vegetation unless well diluted.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type): If concentration of vapors exceeds TLV limits increase ventilation or use respirator.

Ventilation: **Local Exhaust:** Yes **Special:** N/A
 Mechanical (General): N/A **Other:** N/A

Protective Gloves: Yes **Eye Protection:** Yes

Other Protective Clothing or Equipment: Hand lotion with lanolin for dry hands.

Work/Hygienic Practices: Wash thoroughly after handling; under rings and watchbands also.

SECTION IX - Disclaimer

All information, recommendations, and suggestions concerning this product are based upon tests, literature references, and/or calculations, believed to be reliable. The manufacturer makes no guarantee, expressed or implied, as to the affect of use, or the safety and toxicity of the product. The information contained in this sheet cannot be taken as the sum total of all protective measures to be taken.