



H.M.I.S. RATING	
Health	1
Flammability	0
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

Asphalt Binder

Product No. M1140

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
Asphalt	8052-42-4	N/A	5 mg/m3		

SECTION III - Physical / Chemical Characteristics

Boiling Point: 100° Celsius (212° Fahrenheit)	Specific Gravity (H₂O = 1): 1.03
Vapor Pressure (mm Hg): Nearly equal to water.	Melting Point: N/A
Vapor Density (AIR = 1): <1	Evaporation Rate (Butyl Acetate = 1): Approximately 1.8
Solubility in Water: Easily dispersible in the liquid state.	
Appearance and Odor: Black liquid, asphaltic odor.	

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used): N/A	Flammable Limits: N/A	LEL: N/A	UEL: N/A
Extinguishing Media: Foam, CO ₂ , dry chemical, water fog, other.			
Special Fire Fighting Procedures: Full protective equipment, including self-contained breathing apparatus to be worn. Water cool sealed containers in area of fire to prevent rupture due to steam generation.			
Unusual Fire and Explosion Hazards: N/A			

SECTION V - Reactivity Data

Stability: Unstable: Stable: X	Conditions to Avoid: Keep from freezing and extreme heat.
Incompatibility (Materials to Avoid): Strong oxidizers.	
Hazardous Decomposition or Byproducts: Combustion may yield fumes, smoke, carbon monoxide, carbon dioxide and other toxic pyrolysis products.	
Hazardous Polymerization: May Occur: Will Not Occur: X	Conditions to Avoid: N/A

