

MATERIAL SAFETY DATA SHEET

(Essentially similar to Form OSHA 20)

Fontana Paper Mills, Inc.

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Fontana Paper Mills Phone Number: (909) 823-4100

Product Identification	Trade Name: Vulca Seal G 40 Modified Fiberglass\ Multipurpose Underlayment			
	Generic Name: Not applicable			
	Chemical Name: Not applicable			
	Chemical Family: Not applicable			
	Synonyms: Not applicable			
Hazardous Ingredients	Ingredient	CAS No.	%	Limit, Type
	Asphalt	8052-42-4	–	5 mg/m ³ ACGIH, TLV
	Copper	7440-50-8	–	1 mg(cu)/m ³ fume
	Nickel	7440-02-0	–	1 mg/cum
	Fibrous glass	65997-17-3	–	5 mg /m ³ rdust z-3
	Formaldehyde	50-00-0	–	0.3 ppm ACGIH, TLV
Physical Data	Appearance and Odor: Solid, asphalt coated fiberglass matt, petroleum product odor.			
	Melting Point: Not applicable		Solubility (H₂O): Insoluble	
	Boiling Point: Not applicable		pH: Not applicable	
	Vapor Pressure: Not applicable		Specific Gravity: Not applicable	
	% Volatile (vol.): Not applicable		API Gravity: Not applicable	
	Vapor Density: Not applicable		Viscosity: Not applicable	
	Evaporation Rate: Not applicable			
Fire and Explosion Data; NFPA Standard 704 Ratings	Flash Point (TCC): >450 F		NFPA Ratings:	
	Lower Flam. Limit: Negligible		Health	1
	Upper Flam. Limit: Negligible		Fire	1
	Autoignition Temp.: >450 F		Reactivity	0
	Fire & Explosion Hazards: This material can ignite and burn when heated above its flash point. Material will not burn unless preheated.			
	Products of Combustion: Carbon dioxide, carbon monoxide, hydrocarbons, and dense, black smoke.			
	Extinguishing Media: Carbon dioxide, dry chemical, foam, or water spray.			
	Fire Fighting Procedures: Wear protective equipment and clothing. Use a self-contained breathing apparatus for fire in enclosed spaces. Use water spray to dilute and disperse vapors, protect personnel, and to flush unignited material spills away from fire.			
Health Hazard Information; Protective Equipment Recommended	General Effects of Overexposure: Primary route of exposure is eye contact. No chronic effects are expected due to exposure associated with this material or its components during normal use.			
	Eye Contact: Direct contact or exposure to fumes which may be generated			

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at high temperatures may cause burning, tearing, and redness. Goggles or safety glasses are recommended.

Skin Contact: Prolonged skin contact is essentially non-irritating to skin. No adverse health effects are expected from skin contact.

Inhalation: Exposure to fumes which may be generated at high temperatures may irritate the nose, throat, and upper respiratory tract.

Ingestion: Accidentally swallowing this material may cause irritation of the stomach and intestinal tract. Ingestion is not a likely route of exposure to this product.

Emergency & First Aid Information

Eye Contact: Flush the affected eye(s) with water. If irritation develops, seek medical attention.

Skin Contact: Wash skin thoroughly with soap and water. If irritation develops seek medical attention.

Inhalation: Move away from exposure to fumes and into fresh air. If symptoms of exposure develop, seek medical attention.

Ingestion: If victim is conscious and alert, give milk or water to drink and seek medical attention.

Chemical Reactivity Information

Stability: Stable under normal conditions of storage and handling.

Reactivity: May react with strong oxidizing agents.

Incompatibility: May be incompatible with strong oxidizing agents.

Hazardous Reaction/Decomposition Products: Burning produces carbon dioxide, carbon monoxide, and dense, black smoke.

Polymerization Hazards: This material will not polymerize.

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Storage & Handling Procedures	Routine Handling & Use: Avoid breathing mists or fumes generated when this material is heated or burned. Avoid eye contact. Wash thoroughly after handling. Non-Routine Handling & Use: Not applicable. Storage: No special storage precautions needed.
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Spill, Leak and Disposal Procedures	General Spill or Leak Procedures: All materials should be handled and transported off-site in accordance with federal, state, and local regulations.

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**Regulatory
Information****SARA Section 313 Notification:** Asphalt (CAS# 8052-42-4)**VOC Content, Material:** 0**VOC Content, Less Water:** 0**Clean Air Act Ozone Depleter:** None listed**DOT Proper Shipping Name:** Not regulated**DOT Hazard Class:** None**40 CFR 355 Reportable Quantity:** None listed**49 CFR 171 Reportable Quantity:** None listed**California Proposition 65:** Warning: This product contains the following chemicals known by the state of California to cause cancer:

Acetaldehyde (CAS# 75-07-0)

Arsenic (CAS# 7440-38-2)

Asphalt (bitumens) (CAS# 8052-42-4)

Benzene (CAS# 71-43-2)

Benz(a)anthracene (CAS# 56-55-3)

Benz(a)pyrene (CAS# 50-32-8)

Benz(b)fluoranthene (CAS# 205-99-2)

Benz(e)pyrene

Benz(k)fluoranthene (CAS# 207-08-9)

Butadiene(1,3-) (CAS# 106-99-0)

Cadmium (CAS# 7440-43-9)

Chloroethane (CAS# 75-00-3)

Crystalline silica (airborne particles of respirable size)

Di(2-ethylhexyl)phthalate (CAS# 117-81-7)

Dibenz(a,h)anthracene

Formaldehyde (CAS# 50-00-0)

Glass wool fibers (airborne particles of respirable size)

Indeno(1,2,3-cd)pyrene (CAS# 193-39-5)

Lead (CAS# 7439-92-1)

Naphthalene (CAS# 91-20-3)

Nickel (CAS# 7440-02-0)

Toluene (CAS# 108-88-3)

Vinyl chloride (CAS# 75-01-4)

Prepared by: JE Compliance Services, Inc.**Date:** 5 October 2004