

MATERIAL SAFETY DATA SHEET

(Essentially similar to Form OSHA-20)

Fontana Paper Mills, Inc.

Page 1 of 4

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

Product Identification	Trade Name: Asphalt Felt Generic Name: Not applicable Chemical Name: Not applicable Chemical Family: Not applicable Synonyms: Not applicable																								
Hazardous Ingredients	<table border="1"> <thead> <tr> <th>Ingredient</th> <th>CAS No.</th> <th>%</th> <th>Limit, Type</th> </tr> </thead> <tbody> <tr> <td>Asphalt</td> <td>8052-42-4</td> <td>--</td> <td>5 mg/m³ ACGIH, TLV</td> </tr> </tbody> </table>	Ingredient	CAS No.	%	Limit, Type	Asphalt	8052-42-4	--	5 mg/m ³ ACGIH, TLV																
Ingredient	CAS No.	%	Limit, Type																						
Asphalt	8052-42-4	--	5 mg/m ³ ACGIH, TLV																						
Physical Data	<p>Appearance and Odor: Solid, asphalt saturated paper, petroleum product odor.</p> <table border="1"> <tbody> <tr> <td>Melting Point:</td> <td>Not applicable</td> <td>Solubility (H₂O):</td> <td>Insoluble</td> </tr> <tr> <td>Boiling Point:</td> <td>Not applicable</td> <td>pH:</td> <td>Not applicable</td> </tr> <tr> <td>Vapor Pressure:</td> <td>Not applicable</td> <td>Specific Gravity:</td> <td>Not applicable</td> </tr> <tr> <td>% Volatile (vol.):</td> <td>Not applicable</td> <td>API Gravity:</td> <td>Not applicable</td> </tr> <tr> <td>Vapor Density:</td> <td>Not applicable</td> <td>Viscosity:</td> <td>Not applicable</td> </tr> <tr> <td>Evaporation Rate:</td> <td>Not applicable</td> <td></td> <td></td> </tr> </tbody> </table>	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		
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	<table border="1"> <tbody> <tr> <td>Flash Point (TCC):</td> <td>>450 F</td> <td>NFPA Ratings:</td> <td></td> </tr> <tr> <td>Lower Flam. Limit:</td> <td>Negligible</td> <td>Health</td> <td>1</td> </tr> <tr> <td>Upper Flam. Limit:</td> <td>Negligible</td> <td>Fire</td> <td>1</td> </tr> <tr> <td>Autoignition Temp.:</td> <td>>450 F</td> <td>Reactivity</td> <td>0</td> </tr> </tbody> </table> <p>Fire & Explosion Hazards: This material can ignite and burn when heated above its flash point. Material will not burn unless preheated.</p> <p>Products of Combustion: Carbon dioxide, carbon monoxide, hydrocarbons, and dense, black smoke.</p> <p>Extinguishing Media: Carbon dioxide, dry chemical, foam, or water spray.</p> <p>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.</p>	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								
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																						

MATERIAL SAFETY DATA SHEET

(Essentially similar to Form OSHA-20)

Fontana Paper Mills, Inc.

Page 2 of 4

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

Health Hazard Information; Protective Equipment Recommended	<p>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.</p> <p>Eye Contact: Direct contact or exposure to fumes which may be generated at high temperatures may cause burning, tearing, and redness. Goggles or safety glasses are recommended.</p> <p>Skin Contact: Prolonged skin contact is essentially non-irritating to skin. No adverse health effects are expected from skin contact.</p> <p>Inhalation: Exposure to fumes which may be generated at high temperatures may irritate the nose, throat, and upper respiratory tract.</p> <p>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.</p>
Emergency & First Aid Information	<p>Eye Contact: Flush the affected eye(s) with water. If irritation develops, seek medical attention.</p> <p>Skin Contact: Wash skin thoroughly with soap and water. If irritation develops seek medical attention.</p> <p>Inhalation: Move away from exposure to fumes and into fresh air. If symptoms of exposure develop, seek medical attention.</p> <p>Ingestion: If victim is conscious and alert, give milk or water to drink and seek medical attention.</p>

MATERIAL SAFETY DATA SHEET

(Essentially similar to Form OSHA-20)

Fontana Paper Mills, Inc.

Page 3 of 4

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

Chemical Reactivity Information	<p>Stability: Stable under normal conditions of storage and handling.</p> <p>Reactivity: May react with strong oxidizing agents.</p> <p>Incompatibility: May be incompatible with strong oxidizing agents.</p> <p>Hazardous Reaction/Decomposition Products: Burning produces carbon dioxide, carbon monoxide, and dense, black smoke.</p> <p>Polymerization Hazards: This material will not polymerize.</p>
Storage & Handling Procedures	<p>Routine Handling & Use: Avoid breathing mists or fumes generated when this material is heated or burned. Avoid eye contact. Wash thoroughly after handling.</p> <p>Non-Routine Handling & Use: Not applicable.</p> <p>Storage: No special storage precautions needed.</p>
Spill, Leak and Disposal Procedures	<p>General Spill or Leak Procedures: All materials should be handled and transported off-site in accordance with federal, state, and local regulations.</p>

MATERIAL SAFETY DATA SHEET

(Essentially similar to Form OSHA-20)

Fontana Paper Mills, Inc.

Page 4 of 4

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

**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)

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)flouranthene (CAS# 205-99-2)

Benz(e)pyrene

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

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

Chloroethane (CAS# 75-00-3)

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)

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