

*** MATERIAL SAFETY DATA SHEET ***

This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets, and then provide this information to those people at your company whose responsibility it is to implement the "Workplace Hazardous Materials Information System (WHMIS)". Also make this information available to any employee who requests it.

Date of Preparation: 11/30/11

2900-1109

SECTION I PRODUCT IDENTIFICATION AND USE

Manufacturer : Cascade Asphalt Sealing Company

- H M I S -

Address : 6238 S. Tacoma Way
: Tacoma, WA 98409-4126

|Health : 1

|Fire : 1

|Reactivity : 0

|Person Protection :

Telephone # : (780) 458-8773

Emergency # : 1-800-424-9300 Chemtrec

(Hazard Rating: 0=Least,1=Slight,2=Moderate,3=High,4=Extreme,*=Chronic)

Product Class : Class D2B- Skin Irritant

Product Identification Number: 2900-1109

Product Identifier : 1109 PRO-SEAL

Product Use : Asphaltic Sealant

SECTION II HAZARDOUS INGREDIENTS

No. Hazardous Ingredient(s)*	CAS#	% By		ACGIH					
		Weight	LD50	LC50	TLV/TWA	TLV/Ceiling	TLV/STEL	SKIN	
1. Petroleum Asphalt	8052-42-4	15-20	N/A	N/A	5 mg/m3	N/E	N/E	No	
2. Kaolin Clay	14808-60-7	25-30	N/A	N/A	10 mg/m3**	N/E	N/E	No	

* A more complete disclosure will be provided to a physician or nurse in the event of a medical emergency. None of the components of this product are recognized as carcinogenic.

Component data is defined in accordance with Sub-paragraph 13 (a) (i) to (iv) of the Hazardous Product Act.

N/E = Not established * = Fumes ** = Total Dust

SECTION III PHYSICAL DATA

Physical State	: Liquid	Vapour Density	: N/E
Specific Gravity	: 1.08	Evaporation Rate	: N/E
Odour/Appearance	: Chocolate Brown/Asphaltic Odor	Percent Volatile	: < 1
Vapour Pressure	: N/E	Freezing Point	: N/E
pH	: N/E	Boiling Point	: 100 C
Odour Threshold	: N/E		

Coefficient of water/oil distribution: Water Soluble

SECTION IV FIRE AND EXPLOSION DATA

Conditions of Flammability: None	Autoignition temperature: N/E
Means of extinction: Water Fog, Foam, Carbon Dioxide	Sensitivity to mechanical impact: No
Flash point and method: > 100 C	Sensitivity to static discharge: No
Flammability limits: LEL: N/E UEL: N/E	
Hazardous combustion products: None Known	

SECTION V REACTIVITY DATA

Chemical stability Stable

If no, under which conditions:

Incompatibility (materials to avoid): Strong Oxidizing Agents

Conditions of reactivity: None

Hazardous decomposition products: None Known

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SECTION VI TOXICOLOGICAL PROPERTIES

Route(s) of entry: Skin and eye contact

Effect(s) of acute exposure to product:

EYE CONTACT: Direct contact may cause mild to moderate irritation. Product mists may also cause irritation.

SKIN CONTACT: Exposure may cause mild skin irritation. Prolonged/repeated skin contact may result in redness, burning, drying, and cracking of the skin as well as dermatitis.

INHALATION: Exposure may cause irritation of the nose, throat, and respiratory tract.

INGESTION: May cause irritation of the digestive tract.

SIGNS AND SYMPTOMS: Symptoms of eye irritation include pain, tearing, redness, and swelling. Symptoms of skin irritation include reddening, swelling, and/or rash. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, and reduced lung function. Symptoms of gastrointestinal irritation include sore throat, abdominal pain, nausea, vomiting, and diarrhea. Transient central nervous system depression may be evidenced by headache, dizziness, nausea, and symptoms of intoxication.

AGGRAVATED MEDICAL CONDITIONS: None recognized

OTHER HEALTH EFFECTS: None Known

Exposure limits:

Effect(s) of chronic exposure to product:

Carcinogenicity: No

Reproductive toxicity: No

Teratogenicity: No

Mutagenicity No

Synergistic Properties: No

SECTION VII PREVENTIVE MEASURES

Personal protective equipment: Wear safety glasses or safety glasses to prevent eye contact. Wear appropriate gloves and protective equipment to prevent skin contact. Utilize respiratory equipment to prevent exposure to product vapors/mists.

Engineering controls: Not required with normal product use

Leak and spill procedures: Evacuate area of unprotected personnel. Utilize appropriate personal protective equipment. Shut-off/remove spill source if safe to do so. Dike and contain. Soak up/recover spilled materials and place in sealed/marked containers for disposal.

Waste disposal: Observe all Provincial, Federal, State, and Local regulations regarding proper disposal.

Handling procedures/equipment: None recognized

Storage requirements: Keep containers closed when not in use.

Special shipping information: None

SECTION VIII FIRST AID MEASURES

EYE CONTACT: If irritation or redness develops, move victim away from exposure source and into fresh air. Flush eyes with water for fifteen (15) minutes. If symptoms persist, seek medical attention.

SKIN CONTACT: Remove contaminated shoes and clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

INHALATION: If respiratory symptoms develop, move victim from exposure source and into fresh air. If symptoms persist, seek medical attention.

INGESTION: Dilute by giving water or milk to drink if the victim is conscious. Do not induce vomiting. If vomiting occurs, keep the head below the hips to prevent lung aspiration. Consult a hospital, physican, or poison control center and/or transport to an emergency facility immediately.

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of the product described herein.

SECTION IX PREPARATION OF MSDS

Prepared by: David Carey

Phone Number: (847) 683-4500

Preparation Date: 11/30/11

Product Identification Number: 2900-1109