

WABO EXPANDEX BINDER

Version 1.1

1. COMPANY AND PRODUCT INFORMATION

Company : Watson Bowman Acme Corporation
 95 Pineview Drive
 Amherst, NY 14228
 USA
 Phone : 716-691-7566
 Fax :
 Emergency contact :

 Productname : WABO EXPANDEX BINDER
 MSDS : 10452

2. HAZARDOUS INGREDIENTS:	CASNO	EXPOSURE LIMITS*		PEL	CONTENT
		TLV	STEL		
Asphalt Cement (fumes)	8052-42-4	5 mg/m3	None	5 mg/m3	55-75%
Calcium Carbonate	1317-65-3	3 mg/m3**	None	5mg/M3**	40-50%
Vacuum Distillate	64741-53-3	None	None	None	5-15%
Acrylic Polymer	Proprietary	None	None	None	5-15%
Rubber	Proprietary	None	None	None	1-5%

(*) Refer to Section 7 for available LD/LC(50) Health Hazard Data.

(**) Particulates NOC – Respirable

3. PHYSICAL DATA:

Boiling Point (°C):	> 316	Water/Oil Distribution	
Percent VOC (w/w):	ca. 0	Coefficient:	N/Av
Freezing Point (°C):	93	Solubility in Water:	Insoluble
Vapor Pressure mmHg @20 (°C):	N/Av	Specific Gravity:	1.2
Vapor Density:	N/Av	pH:	N/Av
Odor Threshold: (ppm)	N/Av	Evaporation Rate:	N/Av
Appearance: Black solid at room temp.; Black liquid at >225 °F		Odor: Petroleum	
N/Av = Not Available	N/Av = Not Applicable		ca. = Approximate

4. FIRE AND EXPLOSION HAZARD DATA: HMIS Hazard Rating No. 1 (Slight)

Flash Point: > 110 °C (> 230 °F) Method: Estimated

WABO EXPANDEX BINDER**4. FIRE AND EXPLOSION HAZARD DATA:** (cont'd)

Auto-Ignition Temperature: Not Available

Limits Of Flammability: LEL: Not Available UEL: Not Available

Extinguishing Media: This material does not give a flash point by conventional test methods. Use extinguishing agent suitable for type of surrounding fire.

Special Fire & Unusual Hazards: None known.

5. REACTIVITY DATA: HMIS Hazard Rating No. 0 (Minimal)

Stability: Stable. Not sensitive to mechanical impact.

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Products: Combustion may produce various oxides of carbon, sulfur and hydrogen sulfide from incomplete combustion.

Hazardous Polymerization: Will not occur.

6. ENVIRONMENTAL & DISPOSAL INFORMATION:Action to Take for Spills/Leaks: Allow hot material to cool. Carefully collect spilled material in closed containers and remove for disposal.Waste Disposal Method: Dispose in accordance with local, state, province and federal regulations.**7. HEALTH HAZARD DATA:** HMIS Hazard Rating No. 2 (Moderate)PRIMARY ROUTE OF ENTRY: Dermal, Eyes, Inhalation

Before heating this product, there is no threat of irritation; when heated, asphalt fumes can cause irritation to eyes, skin and respiratory tract.

Effects Of Overexposure

Inhalation: Inhalation of vapor or mist may cause headache, nausea and respiratory tract irritation. Prolonged exposure to hot asphalt fumes and hydrogen sulfide (H₂S) gas released can produce respiratory irritation, pulmonary edema, and hypoxia. At low concentrations, H₂S has an odor of rotten eggs. NIOSH has determined that atmospheres containing 100 ppm or more of H₂S are immediately dangerous to life and health. H₂S may deaden sense of smell, blocking warning of exposure.

Eyes: May cause slight transient irritation. Heated material may release vapors causing more severe effects.

Skin Contact: Hot product may produce severe burns. Prolonged or repeated contact may cause irritation, redness, cracking or dermatitis.

WABO EXPANDEX BINDER7. **HEALTH HAZARD DATA:** (cont'd).**Effects of overexposure:** (cont'd)

Skin Absorption: Not expected to be absorbed through the skin in sufficient quantities to increase overall toxicity.

Ingestion: May cause digestive tract irritation.

Chronic: Bitumens: Listed by IARC as a Group 3 Carcinogen. "Unclassifiable as to carcinogenicity in humans".

Extracts of stream-refined and air-refined bitumens: Listed by IARC as a Group 2B Carcinogen: "Possibly carcinogenic to humans".

Materials are not known mutagenic, teratogenic, or reproductive health hazards

8. **FIRST AID:**

Inhalation: Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek medical attention.

Eyes: If hot product is splashed into eyes, immediately flush with water and obtain medical attention immediately. Exposed eyes should be irrigated with large amounts of water.

Skin: If burned by hot product, cool skin by quenching with cool water. **DO NOT REMOVE FROM SKIN!** Get medical attention immediately.

Ingestion: Give three to four glasses of water but do NOT induce vomiting. If vomiting occurs, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. Do **NOT** give anything by mouth to an unconscious person.

9. **SPECIAL PROTECTION INFORMATION:**

Ventilation: All handling should take place in a well ventilated area.

Personal Protection Equipment: Do **NOT** wear contact lenses when working with this material. Protect against hot liquid. Use heat and chemical resistant gloves. Wear chemical goggles/safety glasses with side shields where splashing is probable. For potential contact with hot asphalt, use whole body protection. Wear respirator protection whenever airborne concentrations exceed TLV or TWA limits; use NIOSH/OSHA approved respirators equipped with an organic vapor cartridge for listed hazard.

Confined spaces, rooms, or tanks are areas where concern for TLV's is especially important. Reference OSHA Regulation CFR 29 1910.134 for recommended respiratory protection.

10. **ADDITIONAL INFORMATION:**

Average Shelf Life: Refer to product data sheet.

Special Instructions: None required.

WABO EXPANDEX BINDER

10. **ADDITIONAL INFORMATION:** (cont'd)

REGULATORY INFORMATION:

<u>Title III Section 302:</u>	No reportable chemicals.
<u>Title III Section 311/312:</u>	Health hazard: Immediate Physical hazard: None
<u>Title III Section 313:</u>	None above deminimis.
<u>State:</u> California	No reportable chemicals.
<u>WHMIS Classification:</u>	Class D, Div. 2, Sub A Class D, Div. 2, Sub B
<u>Canadian Domestic Substance List:</u>	All chemicals are listed.

TRANSPORTATION

National Motor Freight Classification (NMFC): 35180 Sub: - Class: 55

Description: PAVING JOINT COMPOUNDS

Emergency Response Guide Page No.: NOT REGULATED

DOT Reportable Quantity: NOT REGULATED

Proper Shipping Name: NOT REGULATED - USE NMFC DESCRIPTION

Marine Pollutant: NL
 P = Moderate PP = Severe WS = Water Sheen
 NL = Not Listed ND = Not Determined

This information is furnished without warranty, representation, or license of any kind, except that this information is accurate to the best of Master Builder's knowledge, or is obtained from sources believed by Master Builders to be accurate. No warranty is expressed or implied regarding the accuracy of this information or the results to be obtained from its use thereof. Master Builders assumes no responsibility for injuries proximately caused by use of the Material if reasonable safety procedures are not followed as stipulated in this Data Sheet. Additionally, Master Builders assumes no responsibility for injuries proximately caused by abnormal use of the Material even if reasonable safety procedures are followed. Buyer assumes the risk in its use of the Material.