

# Safety Data Sheet

## WABO EXPANDEX BINDER

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### 1. Identification

**Product identifier used on the label**

**WABO EXPANDEX BINDER**

**Recommended use of the chemical and restriction on use**

Recommended use\*: for industrial and professional users

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

**Details of the supplier of the safety data sheet**

Company:

BASF CORPORATION  
100 Park Avenue  
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

**Emergency telephone number**

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

**Other means of identification**

Chemical family: No data available.

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### 2. Hazards Identification

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

**Classification of the product**

Carc. 1B Carcinogenicity

**Label elements**

Pictogram:



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Signal Word:  
Danger

Hazard Statement:  
H350 May cause cancer.

Precautionary Statements (Prevention):  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P202 Do not handle until all safety precautions have been read and understood.

Precautionary Statements (Response):  
P308 + P311 IF exposed or concerned: Call a POISON CENTER or doctor/physician.

Precautionary Statements (Storage):  
P405 Store locked up.

Precautionary Statements (Disposal):  
P501 Dispose of contents/container to hazardous or special waste collection point.

### Hazards not otherwise classified

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

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## 3. Composition / Information on Ingredients

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
8052-42-4	>= 50.0 - < 75.0%	Asphalt
1317-65-3	>= 25.0 - < 50.0%	Limestone
64741-96-4	>= 5.0 - < 7.0%	Distillates (petroleum), solvent-refined heavy naphthenic

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## 4. First-Aid Measures

### Description of first aid measures

#### General advice:

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

#### If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

#### If on skin:

Immediately wash thoroughly with soap and water, seek medical attention.

#### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

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### **If swallowed:**

Rinse mouth immediately and then drink plenty of water, induce vomiting, seek medical attention.

### **Most important symptoms and effects, both acute and delayed**

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Hazards: No applicable information available.

### **Indication of any immediate medical attention and special treatment needed**

#### Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## **5. Fire-Fighting Measures**

### **Extinguishing media**

Suitable extinguishing media:

foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:

water jet

### **Special hazards arising from the substance or mixture**

Hazards during fire-fighting:

carbon dioxide, carbon monoxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

### **Advice for fire-fighters**

Protective equipment for fire-fighting:

Wear a self-contained breathing apparatus.

### **Further information:**

The degree of risk is governed by the burning substance and the fire conditions. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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## **6. Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

Do not breathe dust. Wear eye/face protection. Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

### **Environmental precautions**

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

### **Methods and material for containment and cleaning up**

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For small amounts: Pick up with suitable appliance and dispose of. Dispose of contaminated material as prescribed.  
For large amounts: Pick up with suitable appliance and dispose of. Dispose of absorbed material in accordance with regulations.  
Avoid raising dust.

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## 7. Handling and Storage

### Precautions for safe handling

Avoid dust formation. Wear suitable protective clothing and eye/face protection. Avoid inhalation of dusts/mists/vapours. Breathing must be protected when large quantities are decanted without local exhaust ventilation.

Protection against fire and explosion:

Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy. Keep away from sources of ignition - No smoking. Dust can form an explosive mixture with air.

### Conditions for safe storage, including any incompatibilities

No applicable information available.

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

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## 8. Exposure Controls/Personal Protection

### Components with occupational exposure limits

Limestone	OSHA PEL	PEL 5 mg/m <sup>3</sup> Respirable fraction ; PEL 15 mg/m <sup>3</sup> Total dust ; TWA value 15 mg/m <sup>3</sup> Total dust ; TWA value 5 mg/m <sup>3</sup> Respirable fraction ;
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Asphalt	ACGIH TLV	TWA value 0.5 mg/m <sup>3</sup> Inhalable fraction (benzene solubles);
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Distillates (petroleum), solvent-refined heavy naphthenic	OSHA PEL	PEL 500 ppm 2,000 mg/m <sup>3</sup> ; PEL 5 mg/m <sup>3</sup> Mist ; TWA value 5 mg/m <sup>3</sup> Mist ;
	ACGIH TLV	; Included in the regulation, but with no data values - See the regulation for further details ; Exposure by all routes should be carefully controlled to levels as low as possible. TWA value 5 mg/m <sup>3</sup> Inhalable fraction ;

### Advice on system design:

No applicable information available.

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### Personal protective equipment

#### **Respiratory protection:**

Wear a NIOSH approved (or equivalent) particulate respirator if ventilation is inadequate to control dust.

#### **Hand protection:**

Chemical resistant protective gloves, Manufacturer's directions for use should be observed because of great diversity of types.

#### **Eye protection:**

Safety glasses with side-shields.

#### **Body protection:**

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

#### **General safety and hygiene measures:**

Avoid inhalation of dusts. Wearing of closed work clothing is required additionally to the stated personal protection equipment. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

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## 9. Physical and Chemical Properties

Form:	solid
Odour:	of hydrocarbons
Odour threshold:	No applicable information available.
Colour:	black
pH value:	not applicable
Melting point:	approx. 93 °C
Freezing point:	93 °C
Boiling point:	> 316 °C
Sublimation point:	No applicable information available.
Flash point:	> 426 °C
Flammability:	not highly flammable
Lower explosion limit:	No applicable information available.
Upper explosion limit:	No applicable information available.
Autoignition:	> 371 °C not applicable
Vapour pressure:	No applicable information available.
Density:	1.2 g/cm <sup>3</sup>
Relative density:	No applicable information available.
Bulk density:	1,800 - 2,400 kg/m <sup>3</sup>
Vapour density:	No applicable information available.
Partitioning coefficient n-octanol/water (log Pow):	No applicable information available.
Self-ignition temperature:	not self-igniting
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	No applicable information available.
Viscosity, kinematic:	No applicable information available.
Solubility in water:	insoluble
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	No applicable information available.

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Evaporation rate: No applicable information available.  
Other Information: If necessary, information on other physical and chemical parameters is indicated in this section.

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### 10. Stability and Reactivity

#### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

#### Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.

#### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

#### Possibility of hazardous reactions

The product is stable if stored and handled as prescribed/indicated.

#### Conditions to avoid

See MSDS section 7 - Handling and storage.

#### Incompatible materials

strong oxidizing agents

#### Hazardous decomposition products

#### Decomposition products:

Hazardous decomposition products: sulfides, hydrocarbons, nitrogen oxides, carbon oxides, sulfur oxides

#### Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

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### 11. Toxicological information

#### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

#### Acute Toxicity/Effects

##### Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Based on available Data, the classification criteria are not met.

##### Oral

No applicable information available.

##### Inhalation

No applicable information available.  
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##### Dermal

No applicable information available.

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### Assessment other acute effects

No applicable information available.

### Irritation / corrosion

Assessment of irritating effects: No irritation is expected under intended use and appropriate handling. Based on available Data, the classification criteria are not met.

### Sensitization

Assessment of sensitization: Based on available Data, the classification criteria are not met.

## **Chronic Toxicity/Effects**

### Repeated dose toxicity

Assessment of repeated dose toxicity: No reliable data was available concerning repeated dose toxicity. Based on available Data, the classification criteria are not met.

### Genetic toxicity

Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

### Carcinogenicity

Assessment of carcinogenicity: The substance caused cancer in animal studies.

### *Information on: Asphalt*

*Assessment of carcinogenicity: IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).*

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### Reproductive toxicity

Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

### Teratogenicity

Assessment of teratogenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

### Other Information

The product has not been tested. The statement has been derived from the properties of the individual components.

## **Symptoms of Exposure**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

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## **12. Ecological Information**

### **Toxicity**

#### **Aquatic toxicity**

Assessment of aquatic toxicity:  
The product has not been tested.

### **Bioaccumulative potential**

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### Assessment bioaccumulation potential

Discharge into the environment must be avoided.

### **Mobility in soil**

### Assessment transport between environmental compartments

No data available.

### **Additional information**

Other ecotoxicological advice:

Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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## 13. Disposal considerations

### **Waste disposal of substance:**

Dispose of in accordance with local authority regulations. Do not discharge into drains/surface waters/groundwater.

### **Container disposal:**

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

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## 14. Transport Information

### **Land transport**

USDOT

Not classified as a dangerous good under transport regulations

### **Sea transport**

IMDG

Not classified as a dangerous good under transport regulations

### **Air transport**

IATA/ICAO

Not classified as a dangerous good under transport regulations

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## 15. Regulatory Information

### **Federal Regulations**

**Registration status:**

released / listed

**EPCRA 311/312 (Hazard categories):**

Chronic;

**CERCLA RQ**

100 LBS

**CAS Number**

8052-42-4

**Chemical name**

Asphalt



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### CA Prop. 65:

WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

### NFPA Hazard codes:

Health : 1      Fire: 1      Reactivity: 0      Special:

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## 16. Other Information

### SDS Prepared by:

BASF NA Product Regulations  
SDS Prepared on: 2015/07/17

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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