

Safety Data Sheet

WABO PASTE ADHESIVE COLD WEATHER PART B

Revision date : 2010/12/02

Version: 1.0

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(260054/SDS_GEN_US/EN)

1. Product and Company Identification

Company

Watson Bowman Acme Corporation
95 Pineview Drive
Amherst, NY 14228
USA

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP

2. Hazards Identification

Emergency overview

DANGER:

HARMFUL IF SWALLOWED.

MAY BE HARMFUL IF INHALED.

MAY CAUSE BURNS.

MAY CAUSE ALLERGIC SKIN REACTION.

CONTAINS MATERIAL WHICH CAN CAUSE CANCER.

Avoid contact with the skin, eyes and clothing.

Wash thoroughly after handling.

Keep container tightly closed.

No exposure to respirable Crystalline (quartz) Silica anticipated with recommended use of product.

State of matter: solid

Colour: grey

Odour: characteristic

Potential health effects**Primary routes of exposure:**

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

Acute toxicity:

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

Irritation / corrosion:

Causes burns.

Sensitization:

May cause sensitization by skin contact.

Potential environmental effects

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Aquatic toxicity:

No data available concerning aquatic toxicity.

3. Composition / Information on Ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
14808-60-7	40.0 - 70.0 %	crystalline silica
84852-15-3	10.0 - 30.0 %	Phenol, 4-nonyl-, branched
694-83-7	5.0 - 10.0 %	cyclohex-1,2-ylene diamine
90-72-2	1.0 - 5.0 %	2,4,6-tris(dimethylaminomethyl)phenol

4. First-Aid Measures

General advice:

First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

If on skin:

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed:

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

5. Fire-Fighting Measures

Flash point:	> 93.34 °C	
Autoignition:		not applicable
Self-ignition temperature:		not self-igniting

Suitable extinguishing media:

foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:

water jet

Hazards during fire-fighting:

carbon dioxide, carbon monoxide, nitrogen oxides, fumes/smoke, carbon black, corrosive gases/vapours

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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6. Accidental release measures

Personal precautions:

Use personal protective clothing. Do not breathe vapour/aerosol/spray mists. 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.

Cleanup:

For small amounts: Sweep/shovel up. Dispose of absorbed material in accordance with regulations.

For large amounts: Sweep/shovel up. Dispose of absorbed material in accordance with regulations.

7. Handling and Storage

Handling

Protection against fire and explosion:

The product does not contribute to the spreading of flames, nor is it self combustible, not explosive.

Storage

General advice:

Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight. Store protected against freezing.

8. Exposure Controls and Personal Protection

Components with workplace control parameters

crystalline silica	OSHA	TWA value 2.4 millions of particles per cubic foot of air Respirable ; The value is calculated from a specified equation using a value of 100%. Lower values of % will give higher exposure limits. See regulation for specific equation. TWA value 0.1 mg/m3 Respirable ; The value is calculated from a specified equation using a value of 100%. Lower values of % will give higher exposure limits. See regulation for specific equation. TWA value 0.3 mg/m3 Total dust ; The value is calculated from a specified equation using a value of 100%. Lower values of % will give higher exposure limits. See regulation for specific equation.
	ACGIH	TWA value 0.025 mg/m3 Respirable fraction ;

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) respirator as necessary.

Hand protection:

Wear chemical resistant protective gloves., Protective glove selection must be based on the user's assessment of the workplace hazards.

Eye protection:

Tightly fitting safety goggles (chemical goggles) and face shield.

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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 contact with the skin, eyes and clothing. In order to prevent contamination while handling, closed working clothes and working gloves should be used. 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).

9. Physical and Chemical Properties

Form:	paste	
Odour:	characteristic	
Colour:	grey	
pH value:		not applicable
Melting point:		not applicable
Vapour pressure:		not applicable
Bulk density:	1,800 - 2,400 kg/m ³	
Solubility in water:		insoluble

10. Stability and Reactivity

Substances to avoid:

strong acids, strong bases, strong oxidizing agents

Hazardous reactions:

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

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

Oxidizing properties:

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

11. Toxicological information

Acute toxicity

Information on: Phenol, 4-nonyl-, branched

Assessment of acute toxicity:

Of moderate toxicity after single ingestion. Of low toxicity after short-term skin contact.

Information on: cyclohex-1,2-ylene diamine

Assessment of acute toxicity:

Of low toxicity after single ingestion. Of moderate toxicity after short-term skin contact.

Information on: 2,4,6-tris(dimethylaminomethyl)phenol

Assessment of acute toxicity:

Of moderate toxicity after single ingestion. EU-classification

Irritation / corrosion

Information on: Phenol, 4-nonyl-, branched

Assessment of irritating effects:

Corrosive! Damages skin and eyes. May cause severe damage to the eyes.

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Information on: 2,4,6-tris(dimethylaminomethyl)phenol
Assessment of irritating effects:
Eye contact causes irritation. Skin contact causes irritation.

Sensitization

Information on: cyclohex-1,2-ylene diamine
Assessment of sensitization:
Sensitization after skin contact possible.

Can sensitize the skin and/or respiratory tract of allergic persons.

Carcinogenicity

Information on: crystalline silica
The International Agency for Research on Cancer (IARC) has classified this substance as a Group 1 (known) human carcinogen.
NTP listed carcinogen

Other Information:

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

12. Ecological Information

Other adverse effects:

Do not allow to enter soil, waterways or waste water channels.

13. Disposal considerations

Waste disposal of substance:

Do not discharge into waterways or sewer systems without proper authorization. Dispose of in accordance with national, state and local regulations.

Container disposal:

Dispose of container and any rinsate in an environmentally safe manner. Uncleaned empties should be disposed of in the same manner as the contents.

14. Transport Information

Land transport

USDOT

Hazard class:	8
Packing group:	II
ID number:	UN 2259
Hazard label:	8
Proper shipping name:	TRIETHYLENETETRAMINE (contains 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL) MIXTURE

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Sea transport IMDG

Hazard class: 8
Packing group: II
ID number: UN 2259
Hazard label: 8
Marine pollutant: NO
Proper shipping name: TRIETHYLENETETRAMINE (contains 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL) MIXTURE

Air transport IATA/ICAO

Hazard class: 8
Packing group: II
ID number: UN 2259
Hazard label: 8
Proper shipping name: TRIETHYLENETETRAMINE (contains 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL) MIXTURE

15. Regulatory Information

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

OSHA hazard category: IARC 1, 2A or 2B carcinogen; NTP listed carcinogen; Chronic target organ effects reported; OSHA PEL established; ACGIH TLV established

EPCRA 311/312 (Hazard categories): Acute; Chronic

State regulations

State RTK

MA, NJ, PA

CAS Number

14808-60-7

Chemical name

crystalline silica

CA Prop. 65:

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

16. Other Information

HMIS III rating

Health: 3 Flammability: 1 Physical hazard: 0

NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide an on-the-spot alert to the hazards of a material, and their severity, to emergency responders. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

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

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products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

MSDS Prepared by:

BASF NA Product Regulations

msds@basf.com

MSDS Prepared on: 2010/12/02

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