

# MATERIAL SAFETY DATA SHEET

## WATSON BOWMAN ACME CORP.

SUBSIDIARY OF SKW-MBT  
MASTER BUILDERS, INC.  
23700 CHAGRIN BLVD.  
CLEVELAND, OHIO 44122  
216-831-5500

MASTER BUILDERS  
TECHNOLOGIES, LTD.  
1800 CLARK BOULEVARD  
BRAMPTON, ONTARIO L6T 4M7  
905-792-2012

24 HOUR CONTACT  
CHEMTREC  
800-424-9300  
D.C. AREA 483-7616

Prepared by: Department of Environment, Health & Safety  
Revision Date: 03/08/2001

Page: 1 of 4  
Control No. 124063

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard.

All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

1. **PRODUCT NAME:** Wabo<sup>®</sup>Cast

Chemical Family: Silica sand.

| 2. <b>HAZARDOUS INGREDIENTS:</b> | CASNO      | EXPOSURE LIMITS* |      |      | CONTENT |
|----------------------------------|------------|------------------|------|------|---------|
|                                  |            | TLV              | STEL | PEL  |         |
| Silica, Crystalline Quartz **    | 14808-60-7 | ***              | None | **** | > 90 %  |

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

(\*\*) Contains less than 0.1% w/w 53 micron or smaller Crystalline Quartz.

(\*\*\*) 0.1 mg/m<sup>3</sup> respirable quartz

(\*\*\*\*) 10 mg/m<sup>3</sup> divided by %SiO<sub>2</sub>+2 (respirable quartz)

3. **PHYSICAL DATA:**

|                                     |                       |                        |                   |
|-------------------------------------|-----------------------|------------------------|-------------------|
| Boiling Point (°C):                 | N/Av                  | Water/Oil Distribution |                   |
| Percent VOC (w/w):                  | None                  | Coefficient:           | N/Av              |
| Freezing Point (°C):                | N/Av                  | Solubility in Water:   | None              |
| Vapor Pressure mmHg @20 (°C):       | N/Av                  | Specific Gravity:      | N/Av              |
| Vapor Density:                      | > Air                 | pH:                    | N/Av              |
| Odor Threshold: (ppm)               | N/Av                  | Evaporation Rate:      | N/Av              |
| Appearance: Whitish granular powder |                       | Odor: Odorless         |                   |
| N/Av = Not Available                | N/Ap = Not Applicable |                        | ca. = Approximate |

4. **FIRE AND EXPLOSION HAZARD DATA:** HMIS Hazard Rating No. 0 (Minimal)

Flash Point: Non-flammable Method: Not Applicable

Auto-Ignition Temperature: Not Applicable

Limits Of Flammability: LEL: Non-flammable UEL: Non-flammable

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

Extinguishing Media: This material is non-flammable. 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: Hydrofluoric acid slowly dissolves silicon dioxides (Silicon Tetrafluoride, a toxic substance, is formed.).

Hazardous Decomposition Products: None known.

Hazardous Polymerization: Will not occur.

6. **ENVIRONMENTAL AND DISPOSAL INFORMATION:**

Action to Take for Spills/Leaks: Vacuum or wet down area, shovel to salvage or waste container. Avoid creating excessive dust.

Waste Disposal Method: Does not contain hazardous chemicals as defined in 40 CFR 260. Dispose in a landfill in accordance with local, state, and federal regulations.

7. **HEALTH HAZARD DATA:** HMIS Hazard Rating No. 3 (Serious)

PRIMARY ROUTE OF ENTRY: Inhalation, Eyes

**Effects Of Overexposure**

Inhalation: Inhalation of dust can cause coughing and labored breathing.

Eyes: Contact may cause irritation and possible corneal injury through abrasion.

Skin Contact: Prolonged or repeated exposure may cause skin irritation and redness through abrasion.

Skin Absorption: Does not absorb through skin.

Ingestion: Not likely source of entry due to nature of material.

Chronic: Materials are not known mutagenic, teratogenic, or reproductive health hazards.

Repeated inhalation of respiratory silica in excess of the TLV over extended periods can result in irreversible fibrosis of the lungs (silicosis). An IARC evaluation concluded that there is sufficient evidence (Group 1) that crystalline silica may be carcinogenic to humans.

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: Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.
- Skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
- Ingestion: Do **NOT** induce vomiting; give large quantities of water; get immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquids into lungs. Do **NOT** give anything by mouth to an unconscious person.

9. **SPECIAL PROTECTION INFORMATION:**

Ventilation: Ventilation is recommended. Air movement must be designed to insure turnover at all locations in work area to avoid build up of airborne dust concentrations.

Personal Protection Equipment: Do **NOT** wear contact lenses when working with this material. Use chemical goggles/safety glasses with side shields and Latex gloves. Selection of specific items such as boots and apron will depend on operation. Wear respirator protection whenever airborne concentrations exceed TLV or TWA limits, use NIOSH/OSHA approved respirators equipped with a dust 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: Store in cool, dry place.

**REGULATORY INFORMATION:**

Title III Section 302: No reportable chemicals.

Title III Section 311/312: Health hazard: Delayed  
Physical hazard: None

Title III Section 313: None above de minimis.

State: California This product contains a chemical known to the state of California to cause cancer.

Silica, Crystalline Quartz (Respirable) 14808-60-7 < 0.1 %

WHMIS Classification: Class D, Div. 2, Sub A

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

**REGULATORY INFORMATION:** (cont'd)

Canadian Domestic Substance List: All chemicals are listed.

**TRANSPORTATION**

National Motor Freight Classification (NMFC): 42140 Sub: 2 Class: 50

Description: CEMENT COMPOUND NOI BUILDING OR FLOOR DRY

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.