

MATERIAL SAFETY DATA SHEET

Technical Barrier Systems
 151 Randall Street
 Oakville, Ontario, Canada, L6J 1P5
 (905) 842-9488

SECTION 01 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Carbojet 40-200
 (WHMIS Classification)



Product Use Blasting media
 Manufacturer's Name Technical Barrier System Inc.
 Street Address 151 Randall Street
 City Oakville
 Province ON
 Postal Code L6J 1P5
 Emergency Telephone 888-537-2888
 Date MSDS Prepared 30-Sep-11
 MSDS Prepared by Keith Seaman
 Phone Number 888-537-2888
 Supplier's Name Technical Barrier System Inc.
 Street Address 151 Randall Street
 City Oakville
 Province ON
 Postal Code L6J 1P5
 Emergency Telephone 888-537-2888

SECTION 02 : COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS, %	C.A.S.#, LD/50, ROUTE, SPECIES, LC/50, ROUTE, SPECIES
linestone 99.5-99.99	1317-65-3 Oral: acute: 6450 mg/kg (rat)
Crystalline silica 0.01-0.75	14808-60-7
All percentages listed are weight / weight	

SECTION 03 : HAZARDS IDENTIFICATION

Route of Entry
 Skin Contact Slightly hazardous in case of skin contact (irritant)
 Skin Absorption
 Eye Contact Irritant
 Inhalation Non-hazardous
 Ingestion Non-hazardous
 Emergency Overview
 WHMIS Symbols



SECTION 04 : FIRST AID MEASURES

Skin Contact Wash contaminated skin with soap and water. If irritation persists, seek medical attention.
 Eye Contact In case of contact with eyes, rinse immediately with plenty of water
 Inhalation Allow the victim to rest in well ventilated area. Seek immediate medical attention.
 Ingestion Seek medical attention.

SECTION 05 : FIRE FIGHTING MEASURES

Flammable: Yes / No No
 If yes under which conditions?
 Means of Extinction Not applicable
 Flashpoint (°C) and Method Not applicable
 Upper Flammable Limit (% by volume) Not applicable
 Lower Flammable Limit (% by volume) Not applicable
 Autoignition Temperature (°C) Not applicable
 Explosion Data - Sensitivity to Impact
 Explosion Data - Sensitivity to Static Discharge
 Hazardous Combustion Products

SECTION 06 : ACCIDENTAL RELEASE MEASURES**Leak and Spill Procedures**

Use appropriate tools to put the spilled solid in conventional waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. In case of a large spill, personal protection should include splash goggles, full suit, dust respirator, boots, gloves. A self contained breathing apparatus should be used to avoid inhalation of the product.

SECTION 07 : HANDLING AND STORAGE**Handling Procedures and Equipment**

Carcinogenic, teratogenic or mutagenic materials should be stored in a separate locked safety storage cabinet or room.

Storage Requirements**SECTION 08 : EXPOSURE CONTROL / PERSONAL PROTECTION****Exposure Limits: ACGIH TLV; OSHA PEL; Other**

Limestone: TWA:5 (mg/m3) Crystalline silica TWA: 0.1 (mg/m3) from ACGIH

Specific Engineering Controls (such as ventilation, enclosed process)

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protective Equipment

Safety glasses, lab coat, gloves, and dust respirator. Be sure to use a MSHA approved respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.

SECTION 09 : PHYSICAL AND CHEMICAL PROPERTIES**Physical State**

Powdered solid

Odour and Appearance

odorless, white in color

Odour Threshold (ppm)

Not available

Specific Gravity

2.71 (water=1)

Vapour Density (air=1)

Not available

Vapour Pressure (mmHg)

Not available

Evaporation Rate

Not available

Boiling Point (°C)

Not available

Freezing Point (°C)

826.66 C (1520 F) based on data for limestone.

pH

Not applicable

Coefficient of Water / Oil Distribution**SECTION 10 : STABILITY AND REACTIVITY****Chemical Stability Yes/No**

This product is stable

If no, under what conditions?**Compatibility with Other Substances Yes/No**

Highly reactive with moisture. Reactive with oxidizing agents, slightly reactive with acids.

If yes, which ones?**Reactivity, and under what conditions?****Hazardous Decomposition Products**

Not available

SECTION 11 : TOXICOLOGICAL INFORMATION**Effects of Acute Exposure****Effects of Chronic Exposure**

There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate medical condition. Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

Irritancy of Product

Slightly hazardous in case of eye contact,

Skin Sensitization

Non-corrosive for skin. Non-sensitizer for skin. Non-irritator by skin. Skin inflammation is characterized by itching, scaling, reddening, or , occasionally, blistering

Respiratory Sensitization

Slightly hazardous in case lung irritant. Non-hazardous in case of inhalation.

Carcinogenicity - IARC

Classifiable for human) by IARC (quartz)ified 2A (pro

Carcinogenicity - ACGIH**Reproductive Toxicity****Teratogenicity**

Not available

Embryotoxicity**Mutagenicity**

Not available

Name of Synergistic Products / Effects

SECTION 12 : ECOLOGICAL INFORMATION

Aquatic Toxicity

SECTION 13 : DISPOSAL CO

Waste Disposal



Handle disposal of waste material in manner which complies with local, state, province and federal regulation.

SECTION 14 : TRANSPORT INFORMATION

Special Shipping Instructions

PIN

TDG Not regulated

ICAO

SECTION 15 : REGULATORY INFORMATION

WHMIS Classification

OSHA

SERA

TSCA All chemicals in this product are not subject to TSCA

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the the information required by CPR.

SECTION 16 : OTHER INFORMATION

DSL

All substances listed on the Canadian Domestic Substance List or are not required to be listed.