

# MATERIAL SAFETY DATA SHEET

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## SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: BRODORSORB EFFECTIVE DATE: January 1<sup>st</sup>, 2009

WHMIS CLASS: Absorbent CODE NO. 6404  
Class D – Division 2A

T.D.G. CLASSIFICATION: Not regulated under TDG

MANUFACTURER NAME AND ADDRESS: BRODI SPECIALTY PRODUCTS LTD.  
250 COCHRANE DRIVE, UNIT 9  
MARKHAM, ONTARIO L3R 8E5  
(905) 475-6084

MSDS PREPARED BY: MSDS CO-ORDINATOR, (877) 744-0751 EXT 205, BRODI SPECIALTY PRODUCTS LTD

EMERGENCY PHONE: CANUTEC (613) 996 6666

## SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS#	WT%	ACGIH-TLV	LC50	LD50
Fullers Earth clay	8031-18-3	80-90	10 mg/m <sup>3</sup> TWA (respirable fraction)	Not available	Not available
Quartz 9crystalline silica) 0.000085% in the respirable range	14808-60-7	10-20	0.05 mg/m <sup>3</sup> TWA	Not available	Not available

## SECTION III- PHYSICAL DATA

BOILING POINT (DEG C):	Not applicable	SPECIFIC GRAVITY (H2O=1):	Not available
VAPOUR PRESSURE (mm Hg):	Not applicable	PERCENT VOLATILE (WT%):	<5
VAPOUR DENSITY (AIR=1):	Not applicable	EVAPORATION RATE (Water=1):	Not applicable
SOLUBILITY IN WATER:	Insoluble	PH (AS SUPPLIED):	Not applicable
PHYSICAL STATE:	Powder	VISCOSITY:	Not applicable
APPEARANCE AND ODOUR:	Reddish-tan, fragrant odour		

## SECTION IV- FIRE AND EXPLOSION DATA

FLAMMABILITY: Not flammable

FLASH POINT: Not applicable

LEL: Not applicable

UEL: Not applicable

HAZARDOUS COMBUSTION PRODUCTS: None known

MEANS OF EXTINCTION: Treat for surrounding material.

SPECIAL FIRE HAZARDS: Firefighters should wear self-contained breathing apparatus.

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**SECTION V- REACTIVITY DATA**

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CONDITIONS FOR CHEMICAL INSTABILITY: Stable  
INCOMPATIBILITY: None  
HAZARDOUS DECOMPOSITION: None known to us at this time.

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**SECTION VI- TOXICOLOGICAL PROPERTIES**

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ROUTE OF ENTRY: Eye, skin contact, inhalation, ingestion

**EFFECTS OF ACUTE EXPOSURE:**

EYE: Contact can cause mild to moderate irritation.  
SKIN: May cause mild irritation  
INHALATION of dust: Can cause nose, throat and respirator tract irritation, coughing and headache.  
INGESTION: May cause vomiting and headache.

**EFFECTS OF CHRONIC EXPOSURE:**

SKIN: Prolonged or repeated exposure can cause drying, defatting and dermatitis.  
INHALATION: Prolonged or repeated exposure of dust over a number of years may lead to lung injury and crystalline silica, which is a possible carcinogen.  
IRRITANCY: Hazardous by WHMIS criteria.  
RESPIRATORY TRACT SENSITIZATION: Not available  
CARCINOGENIC EFFECTS: Insufficient data available  
TERATOGENIC EFFECTS: Insufficient data available  
MUTAGENIC EFFECTS: Insufficient data available  
SYNERGISTIC MATERIALS: Not available.

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**SECTION VII-PREVENTATIVE MEASURES**

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GLOVES: Not normally required.  
EYE PROTECTION: Safety goggles to avoid possible contact with the dust.  
RESPIRATORY PROTECTION: Not normally required if good ventilation is maintained and dust generation is minimal.  
OTHER PROTECTIVE EQUIPMENT: As required by employer codes.  
ENGINEERING CONTROLS: General ventilation is normally adequate.  
LEAK AND SPILL PROCEDURE: Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal. Contact emergency services and supplier for advice.  
WASTE DISPOSAL: Review federal, provincial and local government requirements prior to disposal.  
STORAGE REQUIREMENTS: Store in closed containers. Keep out of the reach of children.

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**SECTION VIII- FIRST AID**

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EYE: Flush with water for 15 minutes. If irritation persists, call a physician.  
SKIN: Brush away excess of dry material. Rinse with water. Call a physician if irritation develops and persists  
INHALATION: Remove to fresh air. If symptoms persist, call a physician.  
INGESTION: Do not induce vomiting. Rinse mouth with water; drink two glass of water. Contact a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

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**DISCLAIMER:**

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