

SECTION I

Manufacturer's Name: Black Hills Bentonite Co.,		Supplied by: H. C. Spinks Clay Co., Inc.	
Street Address: P. O. Box 9,		P. O. Box 820	
City, State, and Zip Code: Mills, WY 82644		Paris, Tenn: 38242	
Emergency Telephone Number: 307-265-3740			
Chemical Name and Synonyms: CLAY		Trade Name: <u>Spink-Gel</u> TOWER-GEL, TOWER BOND	
Chemical Family: BENTONITE		Formula: $SiO_2, Al_2O_3, Fe_2O_3, CaO, Na_2O$	

SECTION II - HAZARDOUS INGREDIENTS

Paints, Preservatives, & Solvents	%	TLV (Units)	Alloys and Metallic Coatings	%	T (II)
Pigments	NONE		Base Metal	NONE	
Catalyst	NONE		Alloys	NONE	
Vehicle	NONE		Metallic Coatings	NONE	
Solvents	NONE		Filler Metal plus Coating or Core Flux	NONE	
Additives	NONE		Others	NONE	
Others	NONE				

Hazardous Mixtures of Other Liquids, Solids, or Gases			%	T (II)
Free Silica, when present			TWA .26	2
Crystobolite, when present decreases TLV by one half				
Neither of above are consistently present				

SECTION III - PHYSICAL DATA

Boiling Point (° F)	NONE	Specific Gravity (Water = 1)	2.
Vapor Pressure (mm Hg.)	NONE	Percent Volatile by Volume (%)	N
Vapor Density (Air = 1)	NONE	Evaporation Rate (Bu Ac = 1)	N
Solubility in Water	NONE		
Appearance and Odor:	from blue gray to light yellow no odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):	NONE	Flammable Limits	LEL	U
		NONE		
Extinguishing Media:	Water	Carbon Dioxide	Alcohol Foam	Dry Chemical
Special Fire Fighting Procedures:	NONE			
Annual Fire and Explosion Hazards:	NONE			

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: See first page

Effects of Overexposure:

Inhalation of dust in excess of threshold limit value

over an extended period of time may result in lung injury.

Emergency and First Aid Procedures:

Eye Contact: flush with clear water

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Skin Contact: none

Inhalation: none

Ingestion: none

SECTION VI - REACTIVITY DATA

Stability

Unstable

Stable

x

Conditions to Avoid:

avoid inhalation of excessive dust

Incompatibility (Materials to Avoid): NONE

Hazardous Decomposition Products: NONE

Hazardous

May Occur

Will Not Occur

x

Conditions to Avoid:

NONE

Polymerization

SECTION VII - SPILL OR LEAK PROCEDURE

Steps to be taken in case material is released or spilled:

Avoid inhalation of excessive dust: When spilled material comes in contact with water it will cause very slippery or slick areas.

Waste Disposal Method:

NO SPECIFIC PROCEDURE RECOMMENDED. Will absorb water and expand when wet. Also is extremely slippery when wet

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): Approved dust type

Ventilation

Local Exhaust:

Follow OSHA standards

Special:

NONE

Mechanical (General):

NONE

Other:

NONE

Protective Gloves:

NONE

Eye Protection:

NONE

Other Protective Equipment:

NONE

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing:

Avoid inhalation of excessive dust

Has unlimited shelf life

Other Precautions:

NONE - Material is a naturally occurring clay, inorganic and non-toxic