# ZPSB SCUM BUSTER

# EnviroSpec

A Division of Hi-Tech Jetting Technlogies, Inc. 751 MLK Highway Homerville, GA 31634 (912) 487-1778

# MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Ident	ification			
Product Code				
ZPSB				
Product Name SCUM BUSTER				
Manufacturer=s Name	Emergency Tele	nhono Numbor		
EnviroSpec	Chemtrec (80	_		
Address (Number, Street, City, State, and ZIP Code)		ber For Information	n	
751 MLK Highway	(912) 487-17			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Date Prepared			
Homerville, GA 31634	February 18,	2007		
	Signature of Pre	parer (optional)		
Section 2. Composition / Information on Ingredie	ents			
	GAGD : "	. 0/		sure Limits
Component	CAS Registry #	wt. %	ACGIH TLV	OSHA PEL
Microcrystalline Silica (quartz)	14808-60-7	99-99.5%	0.1 mg/m3 Resp.	See Below
OSHA PEL: 10 mg/m3 / % silica + 2	11000 00 7	<i>55 55.8</i> 70	ori ing/ine reesp.	See Below
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Silicosis: Excessive inhalation of respirable crystalline silica dust may cause a progressive, disabling and sometimes fatal lung

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called silicosis. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function.

This disease is exacerbated by smoking. Individuals with silicosis are predisposed to develop tuberculosis.

Cancer Status: The International Agency for Research on Cancer has determined that there is Asufficient evidence@ for

of crystalline silica to experimental animals and Alimited evidence@ with respect to humans (Group 2A - probably carcinogenic to

The National Toxicology Program classifies respirable crystalline silica as Areasonably anticipated to be a carcinogen@.

#### TERATOLOGY (BIRTH DEFECT) INFORMATION:

NA

#### REPRODUCTION INFORMATION:

NA

#### **Section 4. First Aid Measures**

#### **INHALATION:**

Remove victim to fresh air; apply artificial respiration as needed, obtain first aid or medical assistance.

#### **EYE CONTACT:**

Flush the eyes immediately with large amounts of running water, lifting the upper and lower lids occasionally. If irritation persists or for imbedded foreign body, get immediate medical attention.

#### SKIN CONTACT:

No first aid should be needed since this product does not affect the skin. Wash exposed skin with soap and water before breaks and at the end of the shift.

#### INGESTION:

If large amounts are swallowed, get immediate medical attention.

#### NOTE TO PHYSICIAN:

Signs & Symptoms: There are generally no signs or symptoms of exposure to crystalline silica.

Medical Conditions Aggravated by Exposure: Individuals with respiratory disease, including but not limited to, asthma and or subject to eye irritation should not be exposed to respirable quartz dust.

# **Section 5. Fire Fighting Measures**

# FLAMMABLE PROPERTIES:

FLASH POINT: Fully oxidized, will not burn METHOD USED: NA

FLAMMABLE LIMITS

LFL: NA UFL: NA

#### **EXTINGUISHING MEDIA:**

This product will not burn but is compatible with all extinguishing media. Use any media that is appropriate for the surrounding fire.

# FIRE & EXPLOSION HAZARDS :

Not flammable

No flash point.

No fire or explosion hazard.

# FIRE FIGHTING INSTRUCTIONS:

Use sufficient local exhaust to reduce the dust.

### FIRE FIGHTING EQUIPMENT:

Use self-contained breathing apparatus, NOISH approved, to avoid dust or fumes generated during fire fighting efforts.

# Section 6. Accidental Release Measures

Wear appropriate protective equipment. If uncontaminated, collect using dustless method (HEPA vacuum or wet method) and place appropriate container for use. If contaminated: a) use appropriate method for the nature of contamination, b) consider possible toxic fire hazards associated with the contaminating substances. Collect for disposal.

# Section 7. Handling and Storage

Do not breathe dust. Do not rely on your sight to determine if dust is in the air. Silica may be in the air without a visible dust cloud.

Use normal precautions against bag breakage or spills of bulk material. Avoid creation of respirable dust. Use good housekeeping storage and use areas to prevent accumulation of dust in work area.

Use adequate ventilation and dust collection. Maintain and use proper, clean respiratory equipment (see section 8).

Warn your employees (& customers) by posting and training about OSHA precautions.

#### Section 8. Exposure Controls / Personal Protection

#### **ENGINEERING CONTROLS:**

Handle with adequate ventilation for dust; see OSHA 29 CFR 1910.94 ventilation and CFR 1910.1000 (air contaminants) normal clean-up procedures.

A source of clean water should be available to flush eyes/skin.

# **RESPIRATORY PROTECTION:**

Use appropriate respiratory protection for respirable particulates based on consideration of airborne workplace concentrations and duration of exposure. Refer to the most recent standards of ANSI (Z88.2) OSHA (29CFR 1910.134), MSHA (30 CFR Parts 56, 57) and NIOSH Respirator Decision Logic.

#### **SKIN PROTECTION:**

Protective gloves recommended.

#### **EYE PROTECTION:**

Safety goggles or glasses recommended.

#### **EXPOSURE GUIDELINE (S):**

See Section 2.

Section 9	<u>9. Pł</u>	ysical	and o	<u>chemical</u>	<b>Properties</b>	

-	Section > 1 1 11, Stem time	CITCHILL TO DOLL	205				
	APPEARANCE:	White crystal	MOLECULAR WEIGHT:	NA	SPECIFIC GRAVITY:	2.65	
	<b>BOILING POINT:</b>	4046°F	ODOR:	Odorless	VAPOR DENSITY:	NF	
	<b>EVAPORATION RATE:</b>	NF	рН :	N/A	VAPOR PRESSURE:	NF	
	FREEZING POINT:	NF	PHYSICAL STATE :	powder	VISCOSITY:	NA	
	MELTING POINT:	2930°F	SOLUBILITY IN WATER:	Insoluble	% VOLATILE :	0%	

# Section 10. Stability and Reactivity

CHEMICAL STABILITY:

Stable

### **INCOMPATIBILITY:**

CONDITIONS TO AVOID: None. Powerful oxidizing agents such as fluorine, chlorine trifluoride

Manganese trioxide

# ${\bf HAZARDOUS\ DECOMPOSITION\ PRODUCTS:}$

Silica will dissolve in hydrofluorice acid producing a corrosive gas, silicon tetrafluoride.

# HAZARDOUS POLYMERIZATION:

Hazardous polymerization will not occur.

#### Section 11. Toxicological Information

No acute toxicity data is available. This product is not expected to present an environmental hazard.

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#### **Section 12. Ecological Information**

No ecotoxicity data is available. This product is not expected to present an environmental hazard.

#### **Section 13. Disposal Considerations**

If uncontaminated, dispose as an inert, non-metallic mineral. If contaminated: dispose in accordance with all applicable local, state, and federal regulations.

# **Section 14. Transport Information (Not meant to be all inclusive)**

D.O.T. SHIPPING NAME :

**TECHNICAL SHIPPING NAME:** 

D.O.T. HAZARD CLASS: Not regulated

U.N./N.A. NUMBER: NA
PRODUCT RQ (LBS): NA

D.O.T. LABEL: NA

D.O.T. PLACARD: NA

FREIGHT CLASS BULK:

FREIGHT CLASS PACKAGE:

**PRODUCT LABEL:** HMIS \*1,0,0,X >\*= = Carcinogen, Chronic

# Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

OSHA STATUS:

Chronic Health Hazard under OSHA HazCom Standard 1910.1200.

TSCA STATUS:	Listed in TSCA
CERCLA REPORTABLE	No
SARA TITLE III:	
SECTION 302 EXTREMELY	No
SECTION 311/312	Hazard catagories for SARA 311/312 Reporting: Chronic Health
SECTION 313 TOXIC	This product contains the following chemicals subject to annual release reporting req.s: NONE
RCRA STATUS:	No

# **CALIFORNIA PROPOSITION 65:**

This product contains the following substances known to the State of California to cause cancer and/or reproductive harm: This Product contains crystalline silica (respirable).

# **Section 16. Other Information**

NA = Not Applicable

NF = Not Found

Judgements as to the suitability of information herein or the purchaser=s purposes are necessarily the purchaser=s responsibility. Reasonable care has been taken in the preparation of this information, but Universal Photonics Inc. extends no warranties, makes no assumes no responsibility as to accuracy or suitability of this information for any purchaser=s use or for any consequence of it=s use.