

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY					
Product Name:	All Series of Breathers			Manufacturer/Supplier:	
Chemical Family:	Silica Gel			Air Sentry®	
Use:	Contamination Control.			930 Whitmore Drive Rockwall, Texas 75087, U.S.A.	
Emergency Tel. No.:	CHEMTREC	U.S.A. & Canada International	800-424-9300 (24 hrs) 703-527-3887 (Collect)		
II. COMPOSITION INFORMATION ON INGREDIENTS					
<u>Hazardous Components</u>	<u>CAS No.</u>	<u>Wt%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits of Exposure</u>
Amorphous Silica	112926-00-8	50 min	6mg/m3 8 hr	10mg/m3 hr	N/A
Nonhazardous Blend	Unknown	50 max			
III. ADVERSE HUMAN HEALTH EFFECTS					
Eyes:	Dust may cause discomfort and mild irritation.				
Skin:	Dust may have drying effect on skin				
Inhalation:	Existing medical conditions may be aggravated by exposure to dust				
Ingestion:	No recommended				
IV. FIRST AID MEASURES					
Eyes:	Flush with water until all residue material is gone. If irritation persists, seek medical help.				
Skin:	Wash thoroughly with hand cleaner, followed by soap and water. Clothing should be dry cleaned.				
Inhalation:	Clear air passage. If respiratory difficulty occurs, seek medical help.				
Ingestion:	Wash out mouth immediately. Consult physician.				
V. FIRE FIGHTING MEASURES					
Extinguishing Media:	Not applicable, inorganic compound. Not combustible				
Unsuitable Extinguishing Media:					
Fire Fighting Protective Equipment:					
VI. ACCIDENTAL RELEASE MEASURES					
Personal Precautions:	Wear appropriate protective clothing. Dust mask are essential if conditions are dusty				
Environmental Precautions:	Contain spillage. Collect in suitable containers for recovery and disposal.				
Spillage:	Scrape up bulk, avoid creating dust.				
VII. HANDLING AND STORAGE					
Handling:	Avoid creating dust. Do not smoke. During handling electrostatic charges can accumulate..				
Storage:	All containers must be closed air tight and kept in a dry place.				
VIII. EXPOSURE CONTROL/PERSONAL PROTECTION					
Respiratory Protection:	Dust Mask				
Hand Protection:	Protective gloves.				
Eye Protection:	Suitable eye protection				
Body Protection:	Appropriate protective clothing				

IX. PHYSICAL AND CHEMICAL PROPERTIES					
Physical State:	Solid beads		Color:	Yellow to green	Odor: odorless
Boiling Range/point, °F (°C):	NA		Melting Point, °F (°C):	2372 (1300) typical	

Health	1
Flammability	0
Reactivity	0
PPE	B

MSDS-Breathers
Effective Date: 3/2/2010
Revised Date: N/A

Flash Point (TCC), °F (°C):		NA		Autoignition Temperature, °F (°C):		NA	
Explosive Properties:		LEL:	NA	UEL:	NA	Evaporation Rate (Butyl Acetate):	
Partition Coefficient (Log Pow):		N/A		Vapor Pressure (kPa):		NA	
Density:	0.72		Flammability:		NA		
Oxidizing Properties:	None		Solubilities in Water:	Nil		Vapor Density:	NA
						% Volatiles:	NA
X. STABILITY AND REACTIVITY							
Stability:		Chemically stable under normal conditions.					
Conditions to Avoid:		Temperatures in excess of 155C (311F).					
Materials to Avoid:		None known					
Decomposition Products:		Releases water when heated					
XI. TOXICOLOGICAL INFORMATION							
Acute Toxicity:		Not Known		Skin Irritancy:		Very Mild	
Chronic Toxicity:		Not Known		Skin Sensitization:		Not Known	
Sub-acute/Subchronic Toxicity:		Not Known			Genotoxicity:		Not Known
California Prop 65:		Not Available		EC Classification (67/548/EEC):		No	
Carcinogenicity:		NTP:	No	IARC:	No	OSHA:	
						No	
LC-50:					LD-50:	>15,000mg/kg	
XII. ECOLOGICAL INFORMATION							
Possible Effects:		In extreme cases, may generate fractions that could act as a marine pollutant. Potential unlikely.					
Behavior:		Relatively well behaved. Bioaccumulation potential nil.					
Environmental Fate:		Not thought to be toxic to marine or land organisms. Fluid is lower density than water.					
XIII. WASTE DISPOSAL							
Product Disposal:		Product is virtually inert and has no known adverse effect on the environment Contact waste disposal company or local authority for advice.					
XIV. TRANSPORT INFORMATION							
DOT:	Not classified as dangerous goods			UN No.	Not classified as hazardous goods		
Air Transport (ICAO/IATA):							
Sea Transport (IMO/IMDG):							
Road and Rail Transport (ADR/RID):							
XV. REGULATORY INFORMATION							
Labeling Information:		Non-hazardous			EC Annex 1 Classification:		N/A
R Phrases:		R20 Harmful by inhalation					
S Phrases:		S22 Do Not Breath dust, S8 Keep Dry, S7 Keep container tightly closed					
Ozone Depleting Chemicals:		None/Nil			TSCA:	All Components are listed.	
WHMIS (Canada):		DSL/NDSL listed					
EPA Regulation 40 CFR Part 372 (SARA Section 313):					Not Applicable		
XVI. OTHER INFORMATION							
None							
Prepared By:							
John Barnes							