MATERIAL SAFETY DATA SHEET

MANUFACTURER	HAZARD RATING
American Fibrex 1220 W. Murphy Blvd. Joplin, MO 64801 Telephone (Business Hours) 417/623-0933 Telephone (After Hours) 417/623-0933 Fax 417/624-4251 Date Issued: January 2009	Fire 0 Health 1 Reactivity 0 Specific Hazard 0 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant

SECTION I - PRODUCT IDENTIFICATION

PRODUCT GROUP	PRODUCT NAMES INCLUDE	CHEMICAL FAMILY
Block Products	FBX 1900 Block FBX 1900-K Block FBX 1900-SL Block FBX 1800 Superglas® Board FBX Dura-Blok	Mixture

SECTION II - PRODUCT INGREDIENTS

MATERIAL	CAS#	ACGIH TLV*	OSHA PEL**	NIOSH REL***
Vitreous mineral fiber (mineral wool)	N/A	10mg/m^3 total dust 5mg/m^3 resp. dust	15mg/m^3 total dust 5mg/m^3 resp. dust	3 fibers/cc
Ball clay contains quartz	1332-58-7 14808-60-7	.1mg/m^3 resp. dust .1mg/m^3 resp. dust	.1mg/m^3 resp. dust .1mg/m^3 resp dust	Not listed .05mg/m^3 resp. dust
Starch	9005-25-8	10mg/m^3	15mg/m^3 total dust 5mg/m^3 resp. dust	10mg/m^3 total dust 5mg/m^3 resp. dust
Colloidal Silica	7631-86-9	6mg/m^3	5mg/m^3	Not listed
Quartz formed after exposure above 1600^{o}F	14808-60-7	.1mg/m^3 resp. dust	.1mg/m^3 resp. dust	.05mg/m^3 resp. dust

None of these ingredients are listed as carcinogens by OSHA or National Toxicology Program. The International Agency for Research on Cancer classifies mineral wool as non carcinogic, Group 3 but classifies quartz as a known carcinogen, Classification 1. NIOSH lists quartz as a carcinogen.

SECTION III - PROPERTIES

COLOR	SOLUBILITY IN WATER	ODOR	pH
White and light brown	Slight	Negligible	N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	FLAMMABLE LIMITS	EXPLOSION POTENTIAL
None	Non-flammable	None

SECTION V - HEALTH HAZARD DATA

PRIMARY SOURCE OF ENTRY	EFFECTS OF OVER EXPOSURE	TOXICITY	CORROSIVE	EMERGENCY & FIRST AID PROCEDURES
Respiratory tract.	Acute: Fibers and dust from handling product may cause transitory irritation or rash to skin, eyes or respiratory tract. Chronic: Inhalation of respirable dust from the product can cause silicosis, pneumoconiosis and cancer.	Non-toxic	Non-corrosive	Eyes: Flush with water, Do not rub. If irritation continues consult a physician. Skin: Wash particles from skin with soap & water. Do not rub. If irritation persists consult a physician. Inhalation: Remove to fresh air. Ingestion: Consult a physician.

SECTION VI - REACTIVITY DATA

STABILITY	HAZARDOUS DECOMPOSITION	INCOMPATIBILITY	HAZARDOUS POLYMERIZATION
Stable	Emits normal combustion products (e.g. CO and CO_2) and some incomplete combustion products producing smoke and odor if exposed to fire or high temperatures.	Acids, strong alkalis.	Will not occur.

SECTION VII - SPILLS OR LEAKS

PROCEDURE
If fibers or particles are released, use vacuum or wet clean up procedures to minimize airborne dust. Dispose to solid waste landfill.

SECTION VIII - SPECIAL PROTECTION

GENERAL	RESPIRATORY PROTECTION	PRECAUTIONS	TLV*	PEL**	REL***
Work areas should be well ventilated to minimize the possibility of exceeding TLV* levels. Minimize blowing dust. To avoid irritation, use goggles or similar eye-wear, cloth gloves and loose fitting clothes.	Use NIOSH approved dust respirator such as 3M Model 8711N95 Dust/ Mist Respirator or equivalent if TLV* is exceeded. Handling of product that has been exposed to temperatures in the range of 350^{O}F to 1350^{O}F will produce increased nuisance dust. Handling of product that has been exposed to temperatures over 1350^{O}F will produce additional nuisance dust. Product exposed to temperatures approx. 1600^{O}F and higher will contain increased amount of quartz.	Wash after handling. Do not get in eyes or on skin. Do not breathe dust. Launder work clothes separately and clean water after use.	Refers to the Threshold Limit Value in milligrams per cubic meter, which is the amount an individual can be exposed to in a normal work week (8 hours per day, 5 days per week) without requiring special protection.		Refers to NIOSH Recommended Exposure Limit in milligrams per cubic meter.