

MATERIAL SAFETY DATA SHEET

FLUXBOND

SECTION I MANUFACTURER
Mineral Development LLC
PO Box 15872
Little Rock, AR 72231

PRODUCT NAME: FLUXBOND 30
 FLUXBOND 50
 FLUXBOND 200
 FLUXBOND 325
 FILLBOND 30
 FILLBOND 50
 FILLBOND 200
 FILLBOND 325

POINT OF CONTACT: Operations Manager
501-316-0330

SECTION II INGREDIENTS

Plagioclase Feldspar	35 – 45 %
Potassium	30 – 40 %
Pyroxene	5 – 10 %
Nepheline	5 – 10 %
Quartz	< 1 %

NOTE: The amount of dust generated while handling these crushed/ground minerals is expected to vary on user's operation. The level of crystalline silica in the dust is expected to be less than 1% by weight of the dust.

SECTION III PHYSICAL DATA

Boiling Point	Not Applicable
Vapor Pressure	Not Applicable
Vapor Density	Not Applicable
Evaporation Rate	Not Applicable
Solubility in Water	Not Applicable
Specific Gravity	2.6-2.2.7
Percent Volatile	Not Applicable
PH	Not Applicable
Viscosity	Not Applicable
Melting Point	Not Applicable
Appearance and Odor	Solid, Odorless, Typical Particle Size 45-600mm

SECTION IV FIRE AND EXPLOSION DATA

Flash Point	Not Applicable
Flammable Limits-LEL	Not Applicable
Flammable Limits-UEL	Not Applicable
Autoignition Temperature	Not Applicable
Extinguishing Media	Non Combustible. Choose material for surrounding fire
Fire Fighting Procedures	No special procedures are required. As in all fires, firefighters should wear full protective clothing.
Unusual Fire & Explosion Hazards:	No unusual fire or explosion hazards are anticipated.

SECTION V REACTIVITY DATA

Stability	Stable
Incompatibility-Material to Avoid	None
Hazardous Polymerization	Will Not Occur
Hazardous Decomposition	None

SECTION VI ENVIRONMENTAL INFORMATION
Spill Response: Observe precautions from other section. Collect spilled material. Use wet sweeping compound or water to avoid dusting.
Recommended Disposal: Dispose of waste product in a sanitary landfill. Since regulations vary, consult applicable regulations or authorities before disposal.
Regulatory Information: Volatile organic compounds: Not Applicable
 VOC LES H20 7 Exempt Solvents: Not Applicable
EPCRA Hazard Class:
Fire Hazard: No Pressure: No Reactivity: No Acute: No Chronic: Yes

SECTION VII SUGGESTED FIRST AID
Eye Contact: Immediately flush eyes with water. If irritation persists seek medical attention.
Skin Contact: No need for first aid is anticipated.
Inhalation: If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue seek medical attention.
If Swallowed: Drink water. See medical attention.

SECTION VIII PRECAUTIONARY INFORMATION
Eye Protection: Avoid eye contact. Wear safety glasses with side shields.
Skin Protection: Not Applicable.
Ventilation Protection: If exhaust ventilation is not adequate use appropriate respiratory protection.
Respiratory Protection: Avoid breathing of dust. Select a NIOSH approved respirator based on airborne concentration of contaminants and in accordance with OSHA regulation: half mask respirator.
Prevention of Ingestion: Not Applicable.
Recommended Storage: Not Applicable.
Fire and Explosion Avoidance: Not Applicable.
Exposure Limits: Quartz Silica has a defined exposure limit of 0.1, MG/M3 with TWA limits as outlined by ACGIH and OSHA.
Source of Exposure Limit Data: ACGIH: American Conference of Governmental Industrial Hygienists; OSHA: Occupational Safety and Health Administration.

SECTION IX HEALTH HAZARD DATA
Eye Contact: Mechanical Eye Irritation: Signs/symptoms can include irritation, redness, scratching of the cornea and tearing.
Skin Contact: Mechanical Skin Irritation: Signs/symptoms can include Itching And redness.
Inhalation: Single exposure, above recommended guidelines, may cause: irritation (upper respiratory) signs/symptoms can include soreness of the nose and throat, coughing and sneezing. Prolonged or repeated overexposure, above recommended guidelines, may cause: Silicosis: signs/symptoms can include shortness of breath and persistent coughing. Pbeumoconiosis (general): signs/symptoms can include persistent coughing and shortness of breath.
If Swallowed: Ingestion is not a likely route of exposure to this product.
Cancer: Quartz Silica (14808-60-7) is a potential cancer hazard causing lung tumors by the inhalation and intratracheal routes of exposure in laboratory animal studies.

The information provided in this MSDS is believed to be correct as of issue date. MDL makes no warranties, implied or expressed, not limited to any implied warranty or fitness for a particular purpose or course of performance or usage of trade. The user is responsible for determining whether product is fit for a particular purpose and suitable for user application.