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MATERIAL SAFETY DATA SHEET

Product Trade Name(s): Mastpar 200
Common Name(s): Feldspar
Chemical Formula: (Na,K,Ca)AlSi₃O₈
CAS Number: 68476-25-5
Physical Form: White to tan granules or powder

Manufacturer's Name & Address: K-T Feldspar Corporation, 8342 South 226 Bypass, Spruce Pine, NC 28777
Emergency Telephone: For Chemical Emergency Spill, Leak, Fire, Exposure or Accident Call CHEMTREC Day or Night DOMESTIC NORTH AMERICA (800) 424-9300 INTERNATIONAL, CALL (703) 527-3887 (collect calls accepted)

<u>Ingredient</u>	<u>Wt. % (Approx.)</u>	<u>CAS No.</u>	<u>OSHA PEL*</u>	<u>ACGIH TLV*</u>
Feldspar	~87%-93%	68476-25-5	None Established	None Established
Crystalline Silica, Quartz	7%-13%	14808-60-7	0.1 mg/m ³ Resp.	0.025 mg/m ³ Resp.
Water	0.1%	7732-18-5		

* Unless otherwise noted, all PEL and TLV values are reported as 8 hour time weighted averages (TWA).

Appearance: White to tan granules or powder

Primary Route of Entry: Skin contact, eye contact, ingestion, inhalation

Target Organs: Eye, skin and lungs

Medical Conditions Aggravated by Exposure: Skin contact may aggravate existing dermatitis. Breathing excessive quantities of Feldspar dust may aggravate pre-existing respiratory conditions.

Potential Health Effects:

Eye Contact: This product may produce irritation upon contact with the eye. See also Section 4 below for first aid measures.

Skin Contact: Prolonged or repeated exposure may cause skin irritation. Feldspar is not expected to be absorbed through the skin as harmful amounts or to produce an allergic skin reaction. See also Section 4 below for first aid measures.

Ingestion: No adverse effect is expected. If ingested, seek medical advice. See also Section 4 below for first aid measures.

Inhalation: Inhalation of excessive quantities of Feldspar dust may irritate the respiratory tract. See also Section 4 below for first aid measure. Prolonged exposure to respirable Feldspar dust without the use of appropriate respiratory equipment could adversely affect respiratory function including fibrogenic response.

Sub chronic, Chronic: No applicable information was found concerning any potential health effects resulting from sub chronic exposure to Feldspar. The product contains crystalline silica as an impurity. Chronic exposure by inhalation can cause silicosis and/or cancer.

Date Prepared: 03/24/2011

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Revised: 07/30/2012

MATERIAL SAFETY DATA SHEET

Product Trade Name(s): **Minspar 200**



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Common Name(s): **Feldspar**
Chemical Formula: **(Na,K,Ca)AlSi₃O₈**
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Physical Form: **White to tan granules or powder**



Crystalline Silica, Quartz - Chronic Health Hazards*: LD50 (oral and dermal): Not Available LC50 (inhalation): Not Available
Carcinogenicity*: NTP? Yes IARC? Group 1 OSHA? No
Mutagenicity: Not Available Teratogenicity: Not Available Reproductive Effects: Not Available

This product typically contains crystalline silica (quartz sand) above 0.1% as a naturally occurring impurity. The International Agency for Research on Cancer (IARC) has concluded that "crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1)." It also noted that carcinogenicity was not detected in all industrial circumstance studies, and may be dependent on external factors affecting its biological activity or distribution of its polymorphs. (See IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 68 (1997).) Exposure to respirable silica has also been associated with silicosis, scleroderma, and nephropathy. (See Occupational Lung Disorders, Third Edition, Chapter 12 (1994) and American Journal of Respiratory and Critical Care Medicine, Volume 155, pp 761-768 (1997).)

Ecotoxicity: No data available. No adverse ecological effects are expected. May affect turbidity of water if discharged in large quantities to lakes or streams.

Mobility: This product has negligible solubility in water.

Persistence and degradability: This product is made from a naturally occurring, abundant, innocuous mineral.

Bioaccumulative potential: No data available. This product is not expected to accumulate in biota.

Under RCRA (40 CFR 261) Feldspar is a non-hazardous waste. Dispose of waste material in accordance with all local, state and Federal requirements. (Recommendation: bury under 4 feet of top soil.)

DOT Classification: Not Regulated

LATA Classification: Not Regulated

IMO Classification: Not Regulated

Internal UN: Not Regulated

CERCLA: Feldspar is not a CERCLA listed hazardous substance.

SARA Title III Section 302 Extremely Hazardous Substances: This product does not contain extremely hazardous substances subject to the reporting requirements of Section 302 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 355.

SARA Title III Section 311 and 312 Health and Physical Hazard Categories per 40 CFR 370.2:

<u>Immediate</u>	<u>Delayed</u>	<u>Flam</u>	<u>Pressure</u>	<u>Reactivity</u>
Yes	Yes	No	No	No

SARA Section 313 Notification: This product does not contain toxic elements subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

TSCA: Product is listed as ID# 43783; January 2010 inventory.

MATERIAL SAFETY DATA SHEET

Product Trade Name(s): Micaepur 200
Common Name(s): Feldspar
Chemical Formula: $(\text{Na,K,Ca})\text{AlSi}_3\text{O}_8$
CAS Number: 68476-25-5
Physical Form: White to tan granules or powder

California Proposition 65: WARNING: This product may also contain extremely small amounts of one or more naturally-occurring materials known to the State of California to cause cancer, birth defects, or other reproductive harm.

NJ Special Health Hazardous Substances List [4]: Not listed/regulated under

PA Special Hazardous Substances List: Not listed/regulated under

RoHS: Contains no substances in RoHS at or above reportable limits

REACH Status: Exempt. Product is a naturally occurring mineral

SVHC: Contains no substances on the current SVHC list

EINECS (EU): EC# 270-666-7; 14 June 1990

VOC Content: Not applicable

National Inventories:

DSL (Canada): NDSL (Part I, January 31, 1998)

PICCS (Philippines): Listed

KECL (Korea): Listed

ENCS (METI) (Japan): Not explicitly listed under CAS number

AICS (Australia): Listed

IECSC (China): Listed

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

While this information and recommendations set forth herein are believed to be accurate as of the date hereof, THE QUARTZ CORP USA MAKES NO WARRANTY WITH RESPECT HERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON

The Quartz Corp USA is a business name of which K-T Feldspar Corporation is a member. Registered in the USA
 Registered Office: P O Box 309, Spruce Pine, NC

HMIS Ratings

Health Hazard	2
Flammability Hazard	0
Reactivity Hazard	0
Max. Personal Protection	E

NFPA 704M Hazard Classification: Health: 2 Flammable: 0 Reactivity: 0

References:

Am. Rev. Respir. Dis. 1983; 127:213-220, 231-253, 141-142; Doc. Thres. Limit Values and Bio. Exp. Ind., 5th Edition, 1991; OSHA PEL-29 C.F.R. 1910.1000.

Unless otherwise noted, all PEL and TLV values are reported as 8 hour time weighted averages (TWA)

Date Prepared: 03/24/2011

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