



# MATERIAL SAFETY DATA SHEET

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## SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT NAME: RAPID SEAL  
PRODUCT NUMBER: 0725  
EMERGENCY TELEPHONE: CHEMTREC (800) 424-9300  
DATE PREPARED: 03/11/02  
PREPARED BY: ACT-GS

CHEMICAL FAMILY: CLAY

SUPERCEDES: 04/23/1998

## SECTION 2 – HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH TLV	WT%
BENTONITE CLAY	1302-78-9	5 mg/m <sup>3</sup> respirable dust	5 mg/m <sup>3</sup> respirable dust	100
CRYSTALLINE QUARTZ	14808-60-7	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>	<2

CONTAINS NO CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III SECTION 313

## SECTION 3 – PHYSICAL DATA

BOILING POINT (°F):	N.A.	MELTING POINT:	N.A.
SPECIFIC GRAVITY:	2.5	EVAPORATION RATE (BUAC=1):	N.A.
VAPOR PRESSURE:	N.A.	VAPOR DENSITY:	N.A.
% VOLATILE BY VOL.	0	SOLUBILITY, WATER:	Insoluble
pH	N.A.		
APPEARANCE/ODOR:	Pale gray to buff powder or granules, no odor		

## SECTION 4 – FIRE AND EXPLOSION DATA

FLASH POINT: N.A.  
AUTOIGNITION TEMPERATURE: N.A.  
EXTINGUISHING MEDIA: N.A., Does not burn.

FLAMMABILITY LIMITS: N.A.

SPECIAL FIREFIGHTING INSTRUCTIONS: Inorganic mineral/Non-flammable.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

## SECTION 5 - REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION BYPRODUCTS: None known

HAZARDOUS POLYMERIZATION: Will not occur.

## SECTION 6 – HEALTH HAZARD DATA

ROUTES OF EXPOSURE: Inhalation.

HEALTH HAZARDS (ACUTE): Inhalation of dust may cause irritation of the nose, throat, and respiratory passages.

HEALTH HAZARDS (CHRONIC): Inhalation of dust may cause delayed respiratory disease over a prolonged period of time. Excessive inhalation of respirable crystalline silica dust may cause a progressive, disabling and sometimes fatal disease 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.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Respiratory diseases including asthma and bronchitis. Eye irritation.

IARC has determined that crystalline silica inhaled in the form quartz from occupational sources is carcinogenic to humans. NTP classifies respirable crystalline silica as reasonably anticipated to be a carcinogen.

**EMERGENCY AND FIRST AID PROCEDURES:** IF INHALED: Remove person to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, administer artificial respiration. Seek prompt medical attention. SKIN CONTACT: No first aid is required since this product does not affect the skin. Wash with soap and water to remove accumulated material from skin. EYE CONTACT: Flush eyes immediately with large amounts of water while holding eyelids open. If irritation persists or material is imbedded, seek immediate medical attention. IF INGESTED: DO NOT INDUCE VOMITING. If large quantities are swallowed, get immediate medical attention.

## SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Vacuum if possible to avoid generating airborne dust. Avoid breathing dust. Wear an approved respirator. Avoid adding water as material becomes slippery when wet.

WASTE DISPOSAL: Dispose of material in accordance with applicable Federal, State and local regulations for disposal of solid waste.

PRECAUTIONS FOR STORAGE AND HANDLING: Do not breathe dust. Avoid creation of respirable dust. Use good housekeeping procedures to prevent accumulation of dust in work areas. Use with adequate ventilation and dust collection. Launder clothing that has become contaminated before it is reused.

SECTION 8 – CONTROL MEASURES

RESPIRATORY PROTECTION: **FOR OUTDOOR USE ONLY.** Use appropriate respiratory protection for particulates based upon airborne workplace concentration and duration from intended use. Refer to the most recent standards of ANSI (Z88.2), OSHA (29CFR1910.134), MSHA (30CFR Parts 56 and 57), and NIOSH Respirator Decision Logic.

VENTILATION: **FOR OUTDOOR USE ONLY.** Use local exhaust as required to maintain exposure below occupational exposure limits.

EYE PROTECTION: Wear safety glasses or goggles

PROTECTIVE GLOVES: Recommended

PROTECTIVE CLOTHING: As appropriate for the work environment.

SECTION 9 – OTHER INFORMATION

ABBREVIATIONS			NFPA	HMIS
	NA=NOT APPLICABLE	HEALTH	1	1
	ND=NOT DETERMINED	FLAMMABILITY	0	0
	NE=NOT ESTABLISHED	REACTIVITY	0	0
		PERSONAL PROTECTION		B

VOC Content: N.A.

California Proposition 65: WARNING: This product contains a chemical known to the State of California to cause cancer.

DOT Hazard Classification: Not regulated.

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