

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: URECON AGGREGATE Part III

HMIS CODES: H F R P

PRODUCT CODE: URECON-AGGREGATE Part III

2 0 0 X

(Used with following Urecon products: TG, SL, SC)

SECTION 1: MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: KEY RESIN COMPANY

ADDRESS: 4050 Clough Woods Dr.
Batavia, OH 45103

EMERGENCY NUMBER: 1-800-424-9300

DATE PRINTED: 05/29/12

INFORMATION NUMBER: 1-513-943-4225

PREPARER: R. CAIN

SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	WT%
Silica, crystalline quartz	14808-60-7		0.1 mg/m ³	60-75
Portland Cement	65997-15-1	.10 mg/m ³ ttl dust, 5mg/m ³ respirable	10mg/m ³ total dust	10-20
Calcium Hydroxide	1305-62-0	none	5mg/m ³	1-5

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE	Not determined
VAPOR DENSITY	Not determined
VAPOR PRESSURE	Not applicable-Solid at all temps.
VOC	0.00
SOLUBILITY IN WATER	Slight
APPEARANCE AND ODOR	White, gray or pastel powder
SPECIFIC GRAVITY (H2O=1)	No data

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

METHOD USED: None

FLAMMABLE LIMITS IN AIR BY VOLUME LOWER: Not applicable
UPPER: Not applicable

EXTINGUISHING MEDIA: Foam, dry chemical CO 2

OSHA FLAMMABILITY CLASSIFICATION: None

SPECIAL FIRE FIGHTING PROCEDURES: Not applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

SECTION 5: REACTIVITY DATA

STABILITY: Normally Stable

CONDITIONS TO AVOID: Product hydrates at a slow controlled rate when mixed with water releasing minimal heat.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents such as organic and inorganic acids. Acids will react with cement, lime and carbonate.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6: HEALTH HAZARD DATA

HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

INHALATION: Repeated inhalation of silica in excess of the TLV over extended periods can result in irreversible fibrosis of the lungs (silicosis). Overexposures to dusts can irritate the respiratory tract and cause damage to the mucous membranes of the upper respiratory tract. IARC has associated high exposures to crystalline silica with cancer in laboratory animals.

EYE: This material can irritate and burn human eyes following contact. The aggregate particles may cause corneal abrasions.

SKIN: Dryness, itching, rashes and burns can develop following contact with the skin. Dermatitis and skin sensitization can develop after repeated or prolonged exposure.

SKIN ABSORPTION: This material is not absorbed through the skin.

INGESTION: No known toxic effects. May cause digestive tract irritation.

HEALTH HAZARDS (ACUTE AND CHRONIC):

CARCINOGENICITY:

NTP CARCINOGEN: NO **IARC MONOGRAPHS:** NO **OSHA REGULATED:** NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Do not rub eyes. Flush with water for at least 15 minutes. Seek medical attention.

SKIN: Do not rub skin. Wash with soap. Flush with water for at least 15 minutes.

INGESTION: Give one or two glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. Administer oxygen if breathing is difficult. Consult a physician.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep unnecessary people away. Follow personal protection procedures when cleaning spills. Collect spilled powder by dustless methods and place in a container. If necessary, dike spills of mixed materials, mix with absorbent material and shovel into waste containers. Avoid generating dust. Wet material may be slippery - Use caution to avoid falls.

WASTE DISPOSAL METHOD: Dispose in an approved incinerator or an approved landfill.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Empty containers may retain small amounts of residual product. Observe all hazard precautions and personal protection recommendations when handling empty containers. Dispose of as a non-hazardous waste in accordance with all applicable regulations.

SECTION 8: CONTROL MEASURES

RESPIRATORY PROTECTION: Where exposures to dusts from this product may exceed the exposure limits, a MSHA-NIOSH approved dust respirator for the dust should be used.

VENTILATION: Use local exhaust to keep exposures below limits for silica, Portland cement and nuisance dusts.

PROTECTIVE GLOVES: Wear protective gloves.

EYE PROTECTION: Chemical tight goggles; full face shield if splashing is possible. Safety glasses if grinding, cutting, etc. of hardened material is required.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Provide eye fountain and safety shower.

WORK/HYGIENIC PRACTICES: Practice good industrial hygiene. Wash with soap and water before eating, smoking, or using the restroom.

SECTION 9: REGULATORY INFORMATION: None

CAS #	Chemical Name	Percent by Weight
	None	
D.O.T. PROPER SHIPPING NAME: Sand		
PROPER SHIPPING NAME:		
HAZARD CLASS: non-hazardous		
UN/NA ID NUMBER:		

SECTION 10: DISCLAIMER

Data and recommendations presented herein are based upon our and other researchers and are believed to be accurate. The products discussed are distributed without warranty (expressed or implied) and the customer shall make his own determination of suitability for his particular purpose.