

MATERIAL SAFETY DATA SHEET**SECTION 1 - PRODUCT SOURCE AND IDENTITY**

Supplier identity and address	Product description:	Date: May. 14, 2008
Union Standard Corp. 53 Ervin St. (www.unionstand.com) Belmont, NC 28012	Name: Ceratek Paper, Board and Blankets Purpose: Insulating barriers- Refractory Ceramic Fibers (RCF) Proprietary Formula Code: USC Ceratek FP.1	
Fax number: 704-829-7992	Product information: 888-829-7992	

SECTION 2 - SHIPPING CLASSIFICATION

Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number	
	Not regulated
Labels required per 49 CFR 172.101:	None
Size for "Limited quantity" per 49 CFR 173.150-.155:	Not applicable
Reportable Quantity ("RQ") per 49 CFR 172.101:	None or not possible in one non-bulk package

SECTION 3 - SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION

Reporting required by Title III Sec 313, 40 CFR 372, 29 CFR 1910.1200		Exposure Limit Values			
CAS#	313	Material or Component	Approx. % RQ#	TWA	STEL
Note: An MSDS is not required for a solid items like these. This document is supplied for the occasions when it may become dusty and present an inhalation nuisance.					
Various	No	Aluminum, insoluble compounds	97+ None	1 mg/m3(Respirable)	
Not established	No	Nuisance particles (PNOS)	Variable* None	15 ppm total dust	
			*as generated during handling or cutting.	5ppm respirable fraction	
Refractory Ceramic Fibers are rated by ACGIH as A-2 Suspected Human Carcinogen					
PNOS = Particles Not Otherwise Specified					

No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2008" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.

Note: The purpose of this MSDS is to provide safe handling, shipping and disposal information for users of the product. It is not intended to, nor does it, provide complete or extensive toxicological data on the product or its components. Users who require this information are referred to primary suppliers of the ingredients of interest.

Emergency overview: Products are various forms of vitreous aluminosilicate fiber.

No health or safety problems are anticipated from the normal handling or use of this product.

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Immediate	No	No	No	No	
Delayed	No	No	No	No	

HMIS Hazard ratings: Health 0 Fire 0 Instability 0 Other None

NFPA 704 Hazard Ratings: Health 0 Flammability 0 Reactivity 0 Special NA

Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4

Threshold limit value: Not established on product.

Note: HMIS and NFPA ratings are subjective evaluations of hazards and can differ between preparers. They are intended and useful only as a rapid approximation of the hazards rated.

TOSCA Status: All ingredients listed	CERCLA RQ: See Sec 2.
California Prop. 65: RFC listed	Ingredients on cancer lists: RFC-IARC listed as possible human carcinogen.
Reproductive implications: None	

SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off white paper, board or blanket	Flash point deg. F (cc):	None
Odor: Nil	Initial boiling point deg. C:	NA
Specific gravity: >1	Vapor pressure 20 deg C:	NA
pH reaction: Not applicable	Freezing point deg. C:	NA
% phosphorous: None	Solubility in water:	Nil
VOC Content: None		
California Rule 102 (66):	Contains no photo chemically active materials.	

SECTION 5 - SAFE HANDLING AND STORAGE

General Store as customary for non hazardous materials. Avoid creating dust.
 No health or safety problems are anticipated from the normal handling or use of this product.
 Standard good housekeeping practices should be followed to minimize dust accumulation.

Protective equipment

Eyes Safety glasses or goggles should be worn if there is possibility of eye contact.

Skin No protection is usually required or considered beneficial.

Respiratory protection None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines for nuisance dust.

Ventilation A well ventilated work environment is recommended.

Other None

SECTION 6- HEALTH SAFETY DATA**Effects of acute or chronic over exposure**

Eyes Irritating to eyes. Flush immediately if powder gets into the eye. No chronic effects known.

Skin No effects.

Inhalation Dust or mists may be irritating to breathing passages if present.

Ingestion Not a likely source of chronic exposure.

SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA**Explosive limits**

Flash point: See Sec 4

Lower None **Upper** None **Conditions to avoid:** None.

Chemical stability Stable **Hazardous decomposition products:** None

Hazardous polymerization Cannot occur **Incompatibility:** None known.

SECTION 8- EMERGENCY RESPONSE PROCEDURES

Fire **Extinguishing media** Use equipment appropriate to the main cause of the fire.

Special procedures None

Unusual hazards None

First Aid **Eyes** Flush with water for at least 15 min. Seek medical attention. See Sec. 6.

Skin Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.

Inhalation If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.

Ingestion Get medical attention if problems develop. Product is expected to pass undigested through the digestive system.

Spills **Small / large spill** Sweep up for use or disposal as a solid waste. Comply with federal, state and local regulations on reporting spills.

Product as made does not qualify as an "Unlisted Hazardous Waste" for disposal situations.

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