

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 09/12/2022 Revision date: 09/12/2022 Supersedes: 10/31/2019

SECTION 1: Identification					
1.1. Identification					
Product form Product name CAS-No. Product code Other means of identification	: Mixture : Ceramic Fireclay 50m : Mixture : 0154 : Alumina-Silicate Mineral				
1.2. Recommended use and restrictions on					
Use of the substance/mixture	: Refractory Mineral				
Recommended use	: Industrial use				
1.3. Supplier Resco Products, Inc. One Robinson Plaza, Suite 300 6600 Steubenville Pike Pittsburgh, PA, 15205 United States 412-494-4491 SDS@RescoProducts.com - WWW.RescoProducts.	com				
1.4. Emergency telephone number	EMERCENCY ONLY (CHEMTREC) USA & Conodo 4 800 424 0200				
Emergency number	: EMERGENCY ONLY (CHEMTREC) USA & Canada 1-800-424-9300 Outside USA & Canada +1 703-741-5970				
SECTION 2: Hazard(s) identification					
2.1. Classification of the substance or mixt	ture				
GHS US classification					
Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2B Carcinogenicity Category 1A Full text of H statements : see section 16	H315Causes skin irritationH320Causes eye irritationH350May cause cancer (Inhalation)				
2.2. GHS Label elements, including precau	tionary statements				
GHS US labeling Hazard pictograms (GHS US)					
Signal word (GHS US) Hazard statements (GHS US) Precautionary statements (GHS US)	 Danger H315 - Causes skin irritation H320 - Causes eye irritation H350 - May cause cancer (Inhalation) P280 - Wear eye protection, protective gloves. 				
	P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P260 - Do not breathe dust.				
2.3. Other hazards which do not result in c					
No additional information available					
2.4. Unknown acute toxicity (GHS US)					
Not applicable					
SECTION 3: Composition/Information	on ingredients				
3.1. Substances					
Not applicable					
3.2. Mixtures					
Name	Product identifier % GHS US classification				
quartz	CAS-No.: 14808-60-7 20 – 50 Carc. 1A, H350				
Full text of hazard classes and H-statements : see s SECTION 4: First-aid measures					
4.1. Description of first aid measures					
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).				

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First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact	 Allow affected person to breathe fresh air. Allow the victim to rest. Gently wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effects	
Potential Adverse human health effects and	: Based on available data, the classification criteria are not met.
symptoms Symptoms/effects after inhalation	: May cause cancer by inhalation. Danger of serious damage to health by prolonged exposure through inhalation.
Symptoms/effects after skin contact Symptoms/effects after eye contact	Causes skin irritation. Causes eye irritation.
4.3. Immediate medical attention and spec	cial treatment, if necessary
No additional information available	
SECTION 5: Fire-fighting measures	
5.1. Suitable (and unsuitable) extinguishin	
Suitable extinguishing media Unsuitable extinguishing media	 Use extinguishing media appropriate for surrounding fire. In case of fire, all extinguishing media allowed.
5.2. Specific hazards arising from the che	emical
Fire hazard	: Not flammable.
5.3. Special protective equipment and pre	ecautions for fire-fighters
Firefighting instructions Protection during firefighting	 Fight fire with normal precautions from a reasonable distance. Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release measure	
6.1. Personal precautions, protective equi	ipment and emergency procedures
6.1.1. For non-emergency personnel Emergency procedures	: Do not breathe dust.
6.1.2. For emergency responders Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures 6.2. Environmental precautions	: Ventilate area.
No additional information available	
6.3. Methods and material for containmen	it and cleaning up
For containment Methods for cleaning up	Collect spillage.On land, sweep or shovel into suitable containers. Minimize generation of dust.
6.4. Reference to other sections	
See Heading 8. Exposure controls and personal pr	rotection.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Do not handle until all safety precautions have been read and understood. Avoid raising dust. Avoid contact with skin and eyes. Do not breathe dust.
Hygiene measures	 Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage, including	
Storage conditions SECTION 8: Exposure controls/perso	: Store in a dry place.
8.1. Control parameters	
Ceramic Fireclay 50m (Mixture)	
No additional information available	
quartz (14808-60-7)	
USA - ACGIH - Occupational Exposure Limits	

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quartz (14808-60-7)					
USA - OSHA - Occupational Exposure Limits					
	Silica, crystalline quartz, respirable dust				
OSHA PEL (TWA) [1]	0.05 mg/m ³ respirable dust				
Remark (OSHA)	(3) See Table Z-3.				
8.2. Appropriate engineering controls					
Appropriate engineering controls	: Provide adequate ventilation to minimize dust concentrations.				
8.3. Individual protection measures/Person	nal protective equipment				
Personal protective equipment: Avoid all unnecessary exposure.					
Hand protection:					
Wear protective gloves.					
Eye protection:					
Chemical goggles or safety glasses					
Skin and body protection:					
Wear suitable protective clothing					
Respiratory protection:					
Wear appropriate mask					
Other information: Do not eat, drink or smoke during use.					
SECTION 9: Physical and chemical pro	operties				
9.1. Information on basic physical and che					
Physical state Appearance	: Solid : Granular powder.				
Color	: light brown				
Odor Odor threshold	: earthy : No data available				
pH	: No data available				
Melting point	: > 2000 °F				
Freezing point	: Not applicable				
Boiling point	: Not applicable				
Critical temperature Critical pressure	: Not applicable : Not applicable				
Flash point	: Not applicable				
Relative evaporation rate (butyl acetate=1)	: No data available				
Flammability (solid, gas)	: Non flammable.				
Vapor pressure	: Not Applicable				
Vapor pressure at 50 °C Relative vapor density at 20 °C	: Not Applicable : No data available				
Relative density	: ≈ 2.6				
Solubility	: Slightly soluble.				
Partition coefficient n-octanol/water (Log Pow)	: No data available				
Auto-ignition temperature	: Not applicable				
Decomposition temperature	: No data available				
Viscosity, kinematic	: Not Applicable				
Viscosity, dynamic Explosion limits	: Not Applicable : No data available				
Explosive properties	: No data available				
Oxidizing properties	: No data available				
9.2. Other information					
No additional information available					
SECTION 10: Stability and reactivity					
10.1. Reactivity					
None known.					

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through inhalation. Symptoms/effects after skin contact Symptoms/effects after eye contact : Causes skin irritation. SECTION 12: Ecological information 12.1. Toxicity No additional information available 12.2. Persistence and degradability Ceramic Fireclay 50m (Mixture) Persistence and degradability Not established. quartz (14808-60-7) Persistence and degradability Not applicable. Biochemical oxygen demand (BOD) Not applicable Chemical oxygen demand (COD) Not applicable ThOD Not applicable		
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Symptoms/effects after skin contact : Causes skin irritation. Symptoms/effects after eye contact : Causes eye irritation. SECTION 12: Ecological information 12.1. Toxicity No additional information available 12.2. Persistence and degradability Ceramic Fireclay 50m (Mixture) Persistence and degradability Not established. quartz (14808-60-7) Persistence and degradability Not applicable. Biochemical oxygen demand (BOD) Not applicable. Chemical oxygen demand (COD) Not applicable ThOD Not applicable	nptoms/effects after inhalation : N	May cause cancer by inhalation. Danger of serious damage to health by prolonged exposure through inhalation
SECTION 12: Ecological information 12.1. Toxicity No additional information available 12.2. Persistence and degradability Ceramic Fireclay 50m (Mixture) Persistence and degradability Not established. quartz (14808-60-7) Persistence and degradability Not applicable. Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) Not applicable ThOD Not applicable	nptoms/effects after skin contact : 0	•
12.1. Toxicity No additional information available 12.2. Persistence and degradability Ceramic Fireclay 50m (Mixture) Persistence and degradability Not established. quartz (14808-60-7) Persistence and degradability Not applicable. Biochemical oxygen demand (BOD) Not applicable Chemical oxygen demand (COD) Not applicable ThOD	nptoms/effects after eye contact : 0	
No additional information available 12.2. Persistence and degradability Ceramic Fireclay 50m (Mixture) Persistence and degradability Not established. quartz (14808-60-7) Persistence and degradability Not applicable. Biochemical oxygen demand (BOD) Not applicable Chemical oxygen demand (COD) Not applicable ThOD Not applicable	CTION 12: Ecological information	
12.2. Persistence and degradability Ceramic Fireclay 50m (Mixture) Persistence and degradability Not established. quartz (14808-60-7) Persistence and degradability Not applicable. Biochemical oxygen demand (BOD) Not applicable Chemical oxygen demand (COD) Not applicable ThOD Not applicable		
Ceramic Fireclay 50m (Mixture) Persistence and degradability Not established. quartz (14808-60-7) Persistence and degradability Not applicable. Biochemical oxygen demand (BOD) Not applicable Chemical oxygen demand (COD) Not applicable ThOD Not applicable Not applicable Not applicable		
Persistence and degradability Not established. quartz (14808-60-7) Persistence and degradability Not applicable. Biochemical oxygen demand (BOD) Not applicable Chemical oxygen demand (COD) ThOD Not applicable	.2. Persistence and degradability	
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Persistence and degradability Not applicable. Biochemical oxygen demand (BOD) Not applicable Chemical oxygen demand (COD) Not applicable ThOD Not applicable		Not established.
Biochemical oxygen demand (BOD) Not applicable Chemical oxygen demand (COD) Not applicable ThOD Not applicable		
Chemical oxygen demand (COD) Not applicable ThOD Not applicable		
ThOD Not applicable		
12.3 Bioaccumulative potential		Not applicable
	.3. Bioaccumulative potential	
Ceramic Fireclay 50m (Mixture)		
Bioaccumulative potential Not established.		Not established.
quartz (14808-60-7) Bioaccumulative potential No data available.		No data available
Bioaccumulative potential No data available.		INU UALA AVAIIADIE.

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

12.4. Mobility in soil						
No additional information av	vailable					
12.5. Other adverse eff						
Effect on the global warmin		None known				
Other information	0	: No other effects known.				
SECTION 13: Dispos	al considerations					
13.1. Disposal method	S					
Product/Packaging disposa Ecology - waste materials	l recommendations :	Dispose in a safe mann Avoid release to the env		cal/national regulations		
SECTION 14: Transp	ort information					
In accordance with DOT / T Department of Transport Not regulated Transportation of Dange Not regulated Transport by sea Not regulated Air transport Not regulated	tation (DOT)					
SECTION 15: Regula	tory information					
15.1. US Federal regula						
All components of this proc	luct are present and listed a	s Active on the United S	tates Environmental Pro	tection Agency Toxic S	ubstances Control Act	
(TSCA) inventory 15.2. International regu	1. de la compañía de					
No additional information av EU-Regulations No additional information av National regulations quartz (14808-60-7)						
	al Aganay for Pasaarah an	Capacri				
	hal Agency for Research on	Cancer)				
15.3. US State regulation						
Ceramic Fireclay 50m		I				
U.S California - Propositi	on 65 - Other information		crystalline silica, a chemi mation go to WWW.P65		of California to cause	
quartz (14808-60-7)						
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)	
Yes	No	No	No			
_						
Component		State or local regul	ations			
Quartz (14808-60-7)		U.S New Jersey - Rig	ght to Know Hazardous	Substance List		
SECTION 16: Other i	nformation					
Revision date Other information	er / Vol. 77, No. 58 / Monda : :	09/12/2022	English. In the event of	any conflict between E	nglish and other language	
Full text of H-phrases H315 Cause	s skin irritation					
	Causes eye irritation					
	May cause cancer					
Safety Data Sheet (SDS), L						
This information and recom	mendations set forth herein respect to the accuracy of					

Inc. makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.