

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 02/19/2019 Revision date: 02/19/2019 Supersedes: 02/11/2019

SECTION 1: Identification					
I.1. Identification					
Product form	: Mixture				
Product name	: Redart Clay				
CAS-No.	: Mixture				
Product code	: 0278				
		- Min			
Other means of identification	: Alumina-Silicat	e Mineral			
I.2. Recommended use and restrictions of					
Use of the substance/mixture	: Mineral Raw M	aterial			
I.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.RescoProdu	icts.com				
I.4. Emergency telephone number					
Emergency number	: EMERGENCY	ONLY (CHEMTREC)	JSA & Can	ada 1-800-424-9300	
o ,		Canada +1 703-741-			
SECTION 2: Hazard(s) identification			.010		
2.1. Classification of the substance or mix	xture				
GHS-US classification					
Skin corrosion/irritation Category 2	H315 Causes sk	in irritation			
Serious eye damage/eye irritation Category 2B					
Carcinogenicity Category 1A		cancer (Inhalation)			
• • • •	1000 May Cause				
Full text of H statements : see section 16					
2.2. GHS Label elements, including preca	utionary statemen	ts			
GHS US labeling					
Hazard pictograms (GHS US)	· 🔥	^			
Signal word (GHS US)	: Danger	•			
	•				
Hazard statements (GHS US)	: H315 - Causes				
Hazard statements (GHS US)	H320 - Causes	eye irritation			
Hazard statements (GHS US)	H320 - Causes H350 - May cau	eye irritation use cancer (Inhalation			
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Symptoms/effects after skin con		
Symptoms/effects after eye con 4.3. Immediate medical at	tact : Causes eye tention and special treatment,	
No additional information availabl	e	in hoodeday
SECTION 5: Fire-fighting	measures	
5.1. Suitable (and unsuital Suitable extinguishing media	ble) extinguishing media	iching modio appropriate for ourrounding fire
Unsuitable extinguishing media		ishing media appropriate for surrounding fire. re, all extinguishing media allowed.
5.2. Specific hazards arisi	ng from the chemical	
Fire hazard	: Not flamma	
5.3. Special protective equ Firefighting instructions	uipment and precautions for fine : No specific	fire-fighting instructions required.
Protection during firefighting		r fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental re		
6.1. Personal precautions 6.1.1. For non-emergency p	, protective equipment and em	ergency procedures
Emergency procedures	: Do not brea	the dust.
6.1.2. For emergency respo		
Protective equipment		up crew with proper protection.
Emergency procedures 6.2. Environmental precau	: Ventilate an	ea.
No additional information availabl		
	for containment and cleaning	
For containment Methods for cleaning up	: Collect spill	age. eep or shovel into suitable containers. Minimize generation of dust.
6.4. Reference to other se		
See Heading 8. Exposure control		
SECTION 7: Handling and		
7.1. Precautions for safe h Precautions for safe handling		dle until all safety precautions have been read and understood. Avoid raising dust.
Trecautions for sale narioling		ct with skin and eyes. Do not breathe dust.
Hygiene measures		s and other exposed areas with mild soap and water before eating, drinking or
7.2. Conditions for safe st	smoking an orage, including any incompa	d when leaving work.
Storage conditions	: Store in a d	ry place.
SECTION 8: Exposure co		
8.1. Control parameters		
quartz (14808-60-7)		
ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³ (Silica-Crystalline Quartz; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction)
OSHA	OSHA PEL (TWA) (mg/m ³)	0.05 mg/m ³ Respirable fraction
OSHA	Remark (OSHA)	(3) See Table Z-3.
8.2. Appropriate engineer	ing controls	
Appropriate engineering control	ang controlo	
	s : Ensure goo	d ventilation of the work station.
8.3. Individual protection	s : Ensure goo measures/Personal protective	
8.3. Individual protection Hand protection:	s : Ensure goo	
8.3. Individual protection	s : Ensure goo	
8.3. Individual protection Hand protection: Wear protective gloves. Eye protection: Safety glasses	s : Ensure goo	
8.3. Individual protection of Hand protection: Wear protective gloves. Eye protection: Safety glasses Respiratory protection:	s : Ensure goo	
8.3. Individual protection of Hand protection: Wear protective gloves. Eye protection: Safety glasses Respiratory protection: Wear appropriate mask	s : Ensure goo	
8.3. Individual protection of Hand protection: Wear protective gloves. Eye protection: Safety glasses Respiratory protection:	s : Ensure goo measures/Personal protective	
 8.3. Individual protection in the second seco	s : Ensure goo measures/Personal protective	
8.3. Individual protection of Hand protection: Wear protective gloves. Eye protection: Safety glasses Respiratory protection: Wear appropriate mask Other information: Do not eat, drink or smoke durint SECTION 9: Physical and	s : Ensure goo measures/Personal protective ng use.	equipment
8.3. Individual protection of Hand protection: Wear protective gloves. Eye protection: Safety glasses Respiratory protection: Wear appropriate mask Other information: Do not eat, drink or smoke durint SECTION 9: Physical and	s : Ensure goo measures/Personal protective	equipment
8.3. Individual protection of Hand protection: Wear protective gloves. Eye protection: Safety glasses Respiratory protection: Wear appropriate mask Other information: Do not eat, drink or smoke durint SECTION 9: Physical and 9.1. Information on basic Physical state Appearance	s : Ensure goo measures/Personal protective ng use. I chemical properties physical and chemical propert : Solid : Granular p	equipment
8.3. Individual protection Hand protection: Wear protective gloves. Eye protection: Safety glasses Respiratory protection: Wear appropriate mask Other information: Do not eat, drink or smoke durin SECTION 9: Physical and 9.1. Information on basic Physical state Appearance Color	s : Ensure goo measures/Personal protective ng use. d chemical properties physical and chemical propert : Solid : Granular p : brown	equipment ies owder.
8.3. Individual protection of Hand protection: Wear protective gloves. Eye protection: Safety glasses Respiratory protection: Wear appropriate mask Other information: Do not eat, drink or smoke durint SECTION 9: Physical and 9.1. Information on basic Physical state Appearance	s : Ensure goo measures/Personal protective ng use. I chemical properties physical and chemical propert : Solid : Granular p	equipment ies owder.
8.3. Individual protection Hand protection: Wear protective gloves. Eye protection: Safety glasses Respiratory protection: Wear appropriate mask Other information: Do not eat, drink or smoke durin SECTION 9: Physical and 9.1. Information on basic Physical state Appearance Color	s : Ensure goo measures/Personal protective ng use. d chemical properties physical and chemical propert : Solid : Granular p : brown	equipment ies owder. or
8.3. Individual protection of Hand protection: Wear protective gloves. Eye protection: Safety glasses Respiratory protection: Wear appropriate mask Other information: Do not eat, drink or smoke durin SECTION 9: Physical and 9.1. Information on basic Physical state Appearance Color Odor	s : Ensure goo measures/Personal protective ng use. I chemical properties physical and chemical propert : Solid : Granular p : brown : Earthy Ode	equipment ies owder. or able
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8.3. Individual protection of Hand protection: Wear protective gloves. Eye protection: Safety glasses Respiratory protection: Wear appropriate mask Other information: Do not eat, drink or smoke durin SECTION 9: Physical and 9.1. Information on basic Physical state Appearance Color Odor Odor threshold pH	s : Ensure goo measures/Personal protective of chemical properties physical and chemical propert : Solid : Granular p : brown : Earthy Odd : Not applica : No data av	equipment ies owder. or able railable
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Critical temperature Critical pressure Flash point	: Not applicable : Not applicable : Not applicable
Relative evaporation rate (butyl acetate=1)	: Not applicable
Relative evaporation rate (ether=1) Flammability (solid, gas)	: Not applicable : 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	: Insoluble in water.
Log Pow	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: Not Applicable
Explosion limits	: Not applicable
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.	
10.2. Chemical stability	
Stable under normal conditions. 10.3. Possibility of hazardous reactions	
Not established.	
10.4. Conditions to avoid	
Avoid dust formation.	
10.5. Incompatible materials No additional information available	
10.6. Hazardous decomposition products	
No additional information available	
SECTION 11: Toxicological information 11.1. Information on toxicological effects	n
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes eye irritation.
Respiratory or skin sensitization Germ cell mutagenicity	: Not classified : Not classified
Carcinogenicity	: May cause cancer (Inhalation).
quartz (14808-60-7)	
IARC group	1 - Carcinogenic to humans
	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Likely routes of exposure	: Inhalation.
Potential Adverse human health effects and	: Based on available data, the classification criteria are not met.
symptoms	. May source concer by inholation. Denser of corieve demons to bealth by prelease demonstration
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	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes eye irritation.
SECTION 12: Ecological information	
12.1. Toxicity	

12.1. Toxicity No additional information available

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	ture)				
Persistence and c	degradability	Not estat	olished.		
quartz (14808-60	-7)				
Persistence and o	degradability	Biodegra	dability: not applicable.		
	en demand (BOD)	Not appli	, 11		
Chemical oxygen	()	Not appli			
ThOD		Not appli			
-	ulative potential				
Redart Clay (Mix					
Bioaccumulative		Not estat	blished.		
quartz (14808-60					
Bioaccumulative		No bioac	cumulation data available.		
		NO DIOAC			
2.4. Mobility in o additional information					
	erse effects				
Effect on the global	warming	None kno			
Other information			ease to the environment.		
	isposal conside	rations			
3.1. Disposal r Product/Packaging	nethods disposal recommend	dations · Dispose	in a safe manner in accord	ance with local/national regul	ations
Ecology - waste ma	aterials		ease to the environment.	anos with local/hational legul	
	ansport inform	ation			
Department of Tra	nsportation (DOT) DOT				
Not regulated Transportation of	Dangerous Goods				
Not regulated					
Transport by sea					
Not regulated					
Air transmort					
Air transport					
Not regulated					
Not regulated	egulatory inform	nation			
Not regulated ECTION 15: R 5.1. US Federal reg	gulations		isting on the United States	Environmental Protection Ag	
Not regulated ECTION 15: Re 5.1. US Federal reg All components of Substances Contri	gulations f this product are lister rol Act (TSCA) invent	ed, or excluded from li	isting, on the United States	Environmental Protection Ag	jency Toxic
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Not regulated ECTION 15: R 5.1. US Federal reg All components of Substances Contri Substances Contri ANADA o additional information o additional information quartz (14808-60 Listed on IARC (In 5.3. US State regulation Redart Clay (Mix U.S California - information quartz (14808-60	gulations f this product are lister rol Act (TSCA) invent regulations ation available ation available s -7) nternational Agency lations (ture) Proposition 65 - Oth	ed, or excluded from li tory for Research on Cance ter This pro- cause c	er) oduct contains crystalline si ancer. For more informatio	lica, a chemical known to the	state of California to
Not regulated ECTION 15: R 5.1. US Federal reg All components of Substances Contri 5.2. International r ANADA o additional information o additional information quartz (14808-60 Listed on IARC (In 5.3. US State regulation Redart Clay (Mix U.S California - information	gulations f this product are lister rol Act (TSCA) invent egulations ation available ation available s -7) nternational Agency lations iture) Proposition 65 - Oth	ed, or excluded from li tory for Research on Canc	er)	lica, a chemical known to the	state of California to
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Not regulated ECTION 15: R All components of Substances Contr ANADA o additional informa Output and the substances o additional information o additional information quartz (14808-60 Listed on IARC (lite 5.3. US State regulations Guartz Clay (Mix U.S California - information quartz (14808-60 U.S California - Proposition 65 - Carcinogens List	gulations f this product are lister rol Act (TSCA) invent regulations ation available ation available s -7) nternational Agency lations ture) Proposition 65 - Oth -7) U.S California - Proposition 65 - Developmental Toxicity	ed, or excluded from litory	er) oduct contains crystalline si ancer. For more information U.S California - Proposition 65 - Reproductive Toxicity - Male	lica, a chemical known to the on go to WWW.P65Warnings No significant risk level (NSRL)	state of California to .ca.gov

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Revision date	 02/19/2019 Report language name. English. In the event of any conflict between English and other
Other information	language versions, the English version shall prevail.
Full text of H-phrases	

Full	text of H-phrases:	

H315	Causes skin irritation
H320	Causes eye irritation
H350	May cause cancer

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