

SDS prepared by Steve Davis of Aardvark Clay & Supplies

GHS - United States

Section 1. Identification

Product Names Durango Red, MCR, MCR + Barium Carbonate, MCRG, Mesa Red,

Mesa Red + Barium Carbonate, Mocha Blend, & Sandstone

Synonym Pottery Clays – Water based, moist, Cone 06 Dark Clays

Supplier/ Aardvark Clay & Supplies

Manufacturer 1400 East Pomona St.

Santa Ana, Ca. 92705 USA 714-541-4157 phone 714-541-2021 fax contact@aardvarkclay.com

Emergency Phone Number 911

Product Use Pottery Manufacturing

Restrictions on use Not applicable

Section 2. Hazards Identification

GHS/Hazcom 2012 Labels	GHS/Hazcom 201	2 Classifications:			
	Health:				
	CARCINOGENICITY (In	halation) - Category 1A (quartz) (See Section 11 for carcinogen listings)			
	CARCINOGENICITY (Inhalation) - Category 2B (titanium dioxide)				
	SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) (respiratory tract) (inhalation) - Category 1 (quartz) SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) (respiratory tract) (inhalation) - Category 2 (iron oxide)				
	SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) (respiratory tract) (inhalation) - Category 3 (quartz)				
	EYE IRRITANT - Category 2A (quartz)				
	SKIN IRRITANT - Category 2 (quartz)				
Signal Word:	Environmental:	Not Hazardous			
Danger	Physical:	Not Hazardous			

Hazard S	Hazard Statements:				
Health:	Health:				
H320	Causes eye irritation H316 Causes mild skin irritation.				
H372	Causes damage to organs (lungs) through prolonged or		H335	May cause respiratory irritation	
repeated exposure (inhalation).		H350	May cause cancer.		
Environmental: Not hazardous		Physical:	Not hazardous		

Precauti	ion Statements:					
Prevent	ion					
P261	Avoid breathing dust/spray.		P270	Do not eat, drink, or smoke when using this product.		
P262	Do not get into eyes, on skin, o	r on clothing.	P273	Avoid release to the environment.		
P264	Wash hands thoroughly after h	andling.	P284	[In case of inadequate ventilation] wear respi	ratory protection.	
Respons	se					
P314	Get medical advice/attention in	you feel unwell.	P391	Collect Spillage.		
P302+	IF ON SKIN: Wash with plenty of	of soap and water.	P304+	IF INHALED: Remove person to fresh air and keep comfortable		
P352			P340	for breathing.		
P305+	IF IN EYES: Rinse cautiously wit	h water for several	P301+	IF SWALLOWED: Rinse mouth. DO NOT induce	e vomiting.	
P351+	minutes. Remove contact lenses if present and easy to		P330+			
P338	do – continue rinsing.		P331			
P333+	If skin or eye irritation persists	get medical				
P337+	advice/attention.					
P313						
Storage		Disposal				
P402	Store in a dry place.		P501	Dispose of contents/container in accordance with		
				local/regional/national/international regulation	ons.	
Hazards	not otherwise classified:	Slippery when wet.	% of ingre	dients with unknown acute toxicity:	None known.	



SDS prepared by Steve Davis of Aardvark Clay & Supplies

GHS - United States

Section 3. Composition / Information on Ingredients

Substances/Mixtures Mixture - A trade secret claim is made for this group of substantially similar mixtures.

Chemical Name	CAS Numbers	Ingredient % of Product Mixtu	Ingredient % of Product Mixture		
Quartz, SiO2	CAS # 14808-60-7	Ball Clays	6 – 15	Ball Clays	5 – 30
(Crystalline Silica)		Red Clays	3 – 64	Red Clays	10 – 30
		Fire Clays	0 – 18	Fire Clays	0 – 25
		Bentonites	0 – 3	Bentonites	<1-2
		Silica	0 – 12	Silica	99.9
		Sands	0 – 18	Sands	13 – 24
		Feldspars	0 – 12	Feldspars	3 – 10
		Manganese Dioxide	0 – 1.2	Manganese Dioxide	1-5
		Iron Oxide	0 – .6	Iron Oxide	1.9
		Talc	0 – 48	Talc	.1 – 2
		Limestone (Whiting)	0-6	Limestone (Whiting)	.1 – 1
Amorphous Silica SiO2	CAS # 7631-86-9	Fireclays	0-18	Fireclays	20 – 30
(Glass & Diatomaceous Earth)		Sands	0 – 18	Sands	76 – 87
Crystobalite SiO2	CAS # 14464-46-1	Fireclays	0-18	Fireclays	0 – 25
Kaolinite Al2O3.2SiO2.2H2O	CAS # 1332-58-7	Ball Clays	6 – 15	Ball Clays	65 – 95
		Fireclays	0-18	Fireclays	60 – 100
Alpha – Alumina Al2O3	CAS # 1344-28-1	Silica	0 – 12	Silica	<1
(Alumina Oxide)		Fireclays	0-18	Fireclays	0 – 70
,		Red Clays	3 – 64	Red Clays	17 – 19
		Manganese Dioxide	0-1.2	Manganese Dioxide	1-7
		Limestone (Whiting)	0-6	Limestone (Whiting)	.5
		Wollastonite	0-9	Wollastonite	1.82
Magnesium Silicate	CAS# 14807-96-6	Talc	0 – 48	Talc	94 – 99
(Talc / non-asbestos)					
Mg ₃ Si ₄ O ₁₀ (OH) ₂					
Barium Carbonate BaCO3	CAS# 513-77-9	Barium Carbonate	0 - 3	Barium Carbonate	97
Calcium Carbonate CaO3	CAS# 1317-65-3	Limestone (Whiting)	0-6	Limestone (Whiting)	97
Calcium Silicate CaSiO3	CAS# 13983-17-0	Wollastonite	0-9	Wollastonite	42
Iron Oxide Dust and Fume	CAS # 1309-37-1	Ball Clays	6 – 15	Ball Clays	.8 – 1.5
(as Fe)		Fireclays	0 – 18	Fireclays	1.4 – 2.4
(Red Clays	3 – 64	Red Clays	6 – 12
		Iron Oxide	0 – .6	Iron Oxide	.006
		Silica	0-12	Silica	<0.1
		Manganese Dioxide	0-1.2	Manganese Dioxide	1-5
		Limestone (Whiting)	0-6	Limestone (Whiting)	.05
		Wollastonite	0-9	Wollastonite	.34
Titanium Dioxide TiO2	CAS # 13463-67-7	Silica	0-12	Silica	<0.1
		Fireclays	0 – 18	Fireclays	0-3.5
		Red Clays	3 – 64	Red Clays	1-2
		Ball Clays	6 – 15	Ball Clays	<2.6

Section 4. First-Aid Measures

Description of first-aid Measures:			
First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical attention.		
First-aid measures after inhalation	Move victim to well ventilated area. If mechanical discomfort persists, seek medical attention.		
First-aid measures after skin contact	Remove contaminated clothing. Wash affected area with soap and warm water. Obtain medical attention if irritation persists.		
First-aid measures after eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking, or redness persists.		
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Unlikely to be toxic by ingestion. If discomfort persists, seek medical attention.		
Most Important Symptoms and Effects, bo	th Acute and Delayed:		
Symptoms/injuries Causes damage to organs through prolonged or repeated exposure (inhalation) from dust.			
Symptoms/injuries after inhalation May cause cancer by inhalation. Dust from this product may cause irritation to the respiratory			
Symptoms/injuries after skin contact	Prolonged contact with large amounts of dust may cause mechanical irritation.		
Symptoms/injuries after eye contact	Prolonged contact with large amounts of dust may cause mechanical irritation.		
Symptoms/injuries after ingestion	If a large quantity has been ingested: intestinal blockage. Gastrointestinal irritation.		
Chronic symptoms	Repeated or prolonged exposure to respirable crystalline silica dust may cause lung damage in the form of silicosis. Symptoms will include progressively more difficult breathing, cough, fever, and weight loss. Acute silicosis can be fatal.		

If exposed or concerned, get medical advice and attention.



SDS prepared by Steve Davis of Aardvark Clay & Supplies

GHS - United States

Section 5. Fire-Fighting Measures



National Fire Protection Association (U.S.A.)

Suitable extinguishing media This product is not combustible. Use extinguishing media appropriate for surrou	
Unsuitable extinguishing media No restrictions on extinguishing media for this mixture.	
Special hazards arising from the substance or mixture This mixture is not flammable and does not support fire.	
	The plastic bags and cardboard boxes containing the mixture are flammable.
Hazardous thermal decomposition products This mixture does not contain hazardous decomposition products.	
Special protective actions for fire-fighters	Product can become slippery when wet.
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment.

Section 6. Accidental Release Measures

Use of personal precautions Avoid inhalation of dry clay dust. Wear a N-95 face mask when cleaning up dry clay dust.

Emergency proceduresThere are no emergency procedures required for this mixture.

Methods and Materials

Product comes in plastic bags and weigh 25 lbs. There are no spill measures that apply for moist clay.

for containment Clean up procedures For dry dusts, use a vacuum to clean up spillage. If appropriate, use gentle water spray to wet down and

minimize dust generation. Place dry clay dust in a sealed container.

Section 7. Handling & Storage

Precautions for safe handling Keep out of direct sunlight. Do not expose to freezing.

Boxes of moist clay weigh 52 lbs. Use proper lifting techniques to avoid physical injury.

Recommendations on the conditions for safe storage No special storage considerations, but keep in a dry, cool location.

Section 8. Exposure Controls / Personal Protection

Chemical Name	CAS Numbers	Occupational Exposure Limits	
Quartz, SiO2 (Crystalline Silica)	CAS#14808-60-7	ACGIH TLV: TWA 0.025 mg/ m³ (respirable) OSHA PEL: TWA 10 mg/m³/ divided by the value "%SiO2" + 2 (respirable) OSHA PEL: TWA 30 mg/m³/ divided by the value "%SiO2" + 2 (total dust) CAL OSHA PEL: TWA .05 mg/ m³ (respirable) CAL OSHA PEL: TWA .3 mg/ m³ (total)	
Amorphous Silica SiO2 (Glass & Diatomaceous Earth)	CAS#7631-86-9	ACGIH TLV: TWA 10 mg/ m³ (respirable) OSHA PEL: TWA for amorphous silica (diatomaceous earth) is either 80 mg/m³ divided by the value "%SiO ₂ ," or 20 mppcf. CAL OSHA PEL: TWA 3 mg/ m³ (respirable) CAL OSHA PEL: TWA 6 mg/ m³ (total)	
Crystobalite SiO2	CAS#14464-46-1	ACGIH TLV: TWA .05 mg/m³ (respirable) OSHA PEL: TWA 5 mg/m³ / divided by the value "%SiO2" + 2 (respirable) OSHA PEL: TWA 15 mg/m³ / divided by the value "%SiO2" + 2 (total dust) CAL OSHA PEL: TWA .05 mg/ m³ (respirable)	
Kaolinite Al2O3.2SiO2.2H2O	CAS#1332-58-7	ACGIH TLV: TWA 2 mg/m³ (respirable) / particulate matter containing no asbestos and <1% crystalline silica (respirable) OSHA PEL: TWA 5 mg/m³ (respirable) OSHA PEL: TWA 15 mg/m³ (total) CAL OSHA PEL: TWA 2 mg/m³ (respirable)	
Alpha – Alumina Al2O3 (Alumina Oxide)	CAS#1344-28-1	ACGIH TLV: TWA 10 mg/m³ for particulate matter containing no asbestos and < 1% crystalline silica OSHA PEL: TWA 5 mg/m³ (respirable) OSHA PEL: TWA 15 mg/m³ (total dust) CAL OSHA PEL: TWA 5 mg/m³ (respirable) CAL OSHA PEL: TWA 10 mg/m³ (total)	
Magnesium Silicate CAS# 14807-96-6 (Talc - non-asbestos) Mg ₃ Si ₄ O ₁₀ (OH) ₂		ACGIH TLV: TWA 2 mg/ m³ (respirable) OSHA PEL: TWA 20 mppcf CAL OSHA PEL: TWA 2 mg/ m³ (respirable)	
Barium Carbonate BaCO3	CAS# 513-77-9	ACGIH TLV: TWA 3 mg/ m³ (respirable) (as Ba) OSHA PEL: TWA 0.5 mg/ m³ (total dust) (as Ba)	
Calcium Carbonate CaCO3	CAS# 1317-65-3	ACGIH TLV: Not Established OSHA PEL: TWA 5 mg/m³ (respirable) OSHA PEL: TWA 15 mg/m³ (total) CAL OSHA PEL: TWA 5 mg/m³ (respirable) CAL OSHA PEL: TWA 10 mg/m³ (total)	
Calcium Silicate CaSiO3 CAS# 1344-95-2 ACGIH TLV: TWA 10 mg/m³ for particulate matter containing no asbestos and < 1% crystalline silica OSHA PEL: TWA 5 mg/m³ (respirable) OSHA PEL: TWA 15 mg/m³ (tota		no asbestos and < 1% crystalline silica OSHA PEL: TWA 5 mg/m³ (respirable) OSHA PEL: TWA 15 mg/m³ (total) CAL OSHA PEL: TWA 5 mg/m³ (respirable) CAL OSHA PEL: TWA 10 mg/m³ (total)	
Iron Oxide Dust and Fume (as Fe)	ume CAS# 1309-37-1 ACGIH TLV: TWA 5 mg/m³ (fume & dust) s Fe) OSHA PEL: TWA 5 mg/ m³ (respirable) OSHA PEL: TWA 15 mg/m³ (total dust) CAL OSHA PEL: TWA 5 mg/m³		
Titanium Dioxide TiO2	CAS# 13463-67-7	ACGIH TLV: TWA 10 mg/ m³ (respirable) OSHA PEL: TWA 15 mg/m³ CAL OSHA PEL: TWA 5 mg/ m³ (respirable) CAL OSHA PEL: TWA 10 mg/ m³ (total)	



SDS prepared by Steve Davis of Aardvark Clay & Supplies

GHS - United States

Section 8. Exposure Controls / Personal Protection

Appropriate engineering controlsClay in moist form poses no health risk and no inhalation risk. Once clay has dried, there may be dust generated by cleaning and working processes. In the event that dust is generated, use local exhaust ventilation or other engineering controls as required to maintain exposures below applicable occupational exposure limits (TLV).

Recommendations for personal protective measures

Local Exhaust: When dry sanding or grinding clay products, use sufficient local exhaust to reduce the level of respirable dust to the applicable standards set forth in Section III. See ACGIH "Industrial Ventilation, A Manual of Recommended Practice," latest edition.

Respiratory Protection: Dust is generated when working with dry clay. To minimize exposure to dust and/or crystalline silica, cutting or sanding dry clay products should be conducted with sufficient ventilation. Respirable dust and quartz levels should be monitored regularly. Dust and quartz levels in excess of appropriate exposure limits should be reduced by feasible engineering controls, including (but not limited to) wet sanding, wet suppression, ventilation, and process enclosure. When such controls are not feasible, NIOSH/MSHA approved respirators must be worn in accordance with a respiratory protection program which meets OSHA requirements as set forth at 29 CFR1910.134 and ANSI Z88.2-1080

"Practices for Respiratory Protection". In most cases, a disposable N-95 Particulate Respirator is sufficient.

Eye Protection: Use NIOSH/OSHA approved safety glasses with side shields. Face shields should also be used when dry sawing clay products. Wear tight fitting dust goggles when excessively (visible) dusty conditions are present or are anticipated. NIOSH recommends that contact lenses not be worn when working with crystalline silica dust.

Skin Protection: Use gloves and/or protective clothing if abrasion or allergic reactions are experienced.

Work/Hygienic Practices: Avoid creating and breathing dust. Wear NIOSH/MSHA approved dust mask when working in dust conditions. (N-95) Food, beverages, and smoking materials should NOT be in the work area.

Persons using ceramic materials should wash thoroughly before eating, drinking, smoking, or applying cosmetics.



Protective Clothing Pictograms

N-95 face mask

Section 9. Physical & Chemical Properties

Physical State	Moist Plastic Clay
Appearance	Mud Brick
Odor	Earthy.
Odor Threshold	Not Applicable
рН	6 - 8
Solubility in Water	None
Melting Point	> 1200 °C (>2150°F)
Freezing Point	< 0 °C (<32°F)
Specific Gravity / Relative Density	2.35 g/cc
Evaporation Rate	No data available
Initial Boiling Point and Range	Not Applicable
Flash Point	Not Applicable
Auto-Ignition Temperature	Not Applicable
Decomposition Temperature	Not Applicable
Upper/lower Flammability or explosive limits	Not Applicable
Flammability (solid/gas)	Not Applicable
Vapor Density	Not Applicable
Vapor Pressure	Not Applicable
Viscosity	Not Applicable
Partition Coefficient: n-octanol/water	Not Applicable
Initial Boiling Point & Boiling Range	Not Applicable

Section 10: Stability & Reactivity

Reactivity Hazardous reactions will not occur under normal conditions.

Chemical stability Stable at standard temperature and pressure. No stabilizers required to maintain chemical

stability. Safety issues – Mold may form in bag after several months of shelf life.

Possibility of hazardous reactions Hazardous polymerization will not occur.

 Conditions to avoid
 None known

 Incompatible materials
 None known

 Hazardous decomposition products
 None known



SDS prepared by Steve Davis of Aardvark Clay & Supplies

GHS - United States

Section 11: Toxicological Information

Routes of Exposure	Inhalation of dry clay dust, Ingestion					
Descriptions of the delayed, immediate	e, or chronic effects from short- and	long-term exposu	re			
Inhalation	Inhalation of high concentrations of	Inhalation of high concentrations of dry clay dust may cause mechanical irritation and discomfort. Long			rt. Long	
	term exposure may cause chronic	effects.				
Eye Contact	Not a primary eye irritant. May cau	use mechanical irrit	ation.			
Skin Contact/Irritation	Not a skin irritant. Not absorbed th	rough skin.				
Sensitization	Not a sensitizer.					
Ingestion	Not an ingestion hazard.					
Chronic Effects						
OSHA Carcinogen	Lung cancer – Silica has been class	ified by OSHA as a	human lung car	cinog	gen. Repeated or prolo	nged
	exposure to respirable crystalline s	silica dust may caus	se lung damage	in th	e form of silicosis. Sym	ptoms will
	include progressively more difficul	t breathing, cough,	fever, and weig	ht lo	ss. Acute silicosis can	be fatal.
Mutagenic Effects	None Known					
Teratogenic Effects	None Known					
Developmental Toxicity	None Known					
Effects of Silicosis			Symptoms of Silicosis			
Bronchitis/Chronic Obstructive Pulmona	ary Disorder.	Shortness of breath; possible fever. Fatigue; loss of				
Tuberculosis – Silicosis makes an individ	•	appetite. Chest pain; dry, nonproductive cough.				
Scleroderma – a disease affecting skin,	blood vessels, joints and skeletal mus	scles.		ilure	, which may eventuall	y lead to
Possible renal disease.			death.			
Numerical Measures of toxicity	None Known					
Remarks						
Carcinogenicity	Repeated or long term exposure to	, ,		,	0 0	
	silicosis. Symptoms will include pro	•	-	ς, coι	ugh, fever, and weight	loss.
	Acute silicosis can be fatal. Short to					
	OSHA, IARC, and NTP Card	1				
Chemicals with Carcinogen Potential	SiO2	CAS#	OSF		IARC	NTP
Quartz, (Crystalline Silica)	CAS # 14808-6		-	Yes - Group 1	Yes	
Amorphous Silica (Glass & Diatomaceo	CAS # 7631-86			No - Group 3	No	
Crystobalite	CAS # 14464-4			Yes - Group 1	No	
Magnesium Silicate (Talc / non-asbesto	CAS# 14807-96			No - Group 3	No	
Calcium Silicate	CaSiO3	CAS# 13983-17			No - Group 3	No
Iron Oxide Dust and Fume	(as Fe)	CAS # 1309-37			No - Group 3	No
Titanium Dioxide	TiO2	CAS # 13463-6	7-7 No)	Yes - Group 2b	No

Substances, mixtures and exposure circumstances in this list have been classified by the <u>IARC</u> as **Group 1**: The agent (mixture) is <u>carcinogenic</u> to humans. The exposure circumstance entails exposures that are carcinogenic to humans. This category is used when there is <u>sufficient evidence</u> of carcinogenicity in humans. Exceptionally, an agent (mixture) may be placed in this category when evidence of carcinogenicity in humans is less than sufficient but there is <u>sufficient evidence</u> of carcinogenicity in experimental animals and strong evidence in exposed humans that the agent (mixture) acts through a relevant mechanism of carcinogenicity.

Substances, mixtures and exposure circumstances in this list have been classified by the International Agency for Research on Cancer (IARC) as *Group 2B: The agent (mixture) is possibly carcinogenic to humans.* The exposure circumstance entails exposures that are possibly carcinogenic to humans. This category is used for agents, mixtures and exposure circumstances for which there is limited evidence of carcinogenicity in humans and less than sufficient evidence of carcinogenicity in experimental animals. It may also be used when there is inadequate evidence of carcinogenicity in humans but there is sufficient evidence of carcinogenicity in experimental animals. In some instances, an agent, mixture or exposure circumstance for which there is inadequate evidence of carcinogenicity in humans but limited evidence of carcinogenicity in experimental animals together with supporting evidence from other relevant data may be placed in this group. Further details can be found in the preamble to the IARC Monograph.

Substances, mixtures and exposure circumstances in this list have been classified by the <u>IARC</u> as **Group 3**: The agent (mixture or exposure circumstance) is not classifiable as to its carcinogenicity to humans. This category is used most commonly for agents, mixtures and exposure circumstances for which the evidence of carcinogenicity is inadequate in humans and inadequate or limited in experimental animals. Exceptionally, agents (mixtures) for which the evidence of carcinogenicity is inadequate in humans but sufficient in experimental animals may be placed in this category when there is strong evidence that the mechanism of carcinogenicity in experimental animals does not operate in humans. Agents, mixtures and exposure circumstances that do not fall into any other group are also placed in this category.

Further details can be found in the IARC Monographs.

Section 12. Ecological Information (non-mandatory)

Ecotoxicity	None Known
Biochemical oxygen demand (BOD5)	None Known
Chemical oxygen demand(COD)	None Known
Products of Biodegradation	None Known
Toxicity of the products of Biodegradation	None Known
Bioaccumulation Potential	None Known
Potential to move from soil to groundwater	None Known
Other adverse effects	None Known



SDS prepared by Steve Davis of Aardvark Clay & Supplies

GHS - United States

Section 13. Disposal Considerations (non-mandatory)

Personal Protection Refer to Section 8: "Recommendations for Personal Protective Measures" when disposing of ceramic waste.

Appropriate disposal containers Standard waste disposal containers – no specials requirements.

Appropriate disposal methods Disposal of this product should comply with the requirements of environmental protection and waste

disposal legislation and any regional local authority requirements. In most cases, this is normal waste disposal. The generation of waste should be avoided or minimized. Dispose of non-recyclable products via a licensed waste disposal contractor. Waste packaging should be recycled. Avoid dispersal of spilled

material and runoff and contact with soil, waterways, drains, and sewers.

Physical and chemical properties that may affect disposal

Dry clay dust should be placed in a sealed container or in a manner that reduces or eliminates the release of the product. Moist clay has no special requirements. Packaging should be recycled before disposal.

Sewage disposal Do not dispose of into sinks or toilets. Never dispose of this product into a sewer system.

Special precautions for landfillsThere are no special precautions for disposal in a landfill.

or incineration activities This product is non-combustible and is not suitable for incineration.

Section 14. Transportation Information (non-mandatory)

Regulatory	UN	UN Proper Shipping	Transport	Packing	Bulk Transport	Special
Information	Number	Name	Hazard Class	Group Number	Guidance	Precautions
DOT Classification	Not regulated	-	-	-	-	-
TDG Classification	Not regulated	-	-	-	-	-
ADR/RID Class	Not regulated	-	-	-	-	-
IMDG Class	Not regulated	-	-	-	-	-
IATA-DGR Class	Not regulated	-	-	-	-	-

Section 15. Regulatory Information (non-mandatory)

TSCA – Toxic Substances Control Act - EPA Quartz and other chemicals are listed in the TSCA Chemical Substance Inventor	
CONFORMS WITH ASTM D4236 Certified Non-Toxic in moist form. ASTM - American Society for Testing and Mater	
California Prop. 65	WARNING: This product can expose you to chemicals including quartz which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.
SARA/Title III (Emergency Planning & Community	This mixture contains no substances at or above the reporting threshold under
Right-to-Know Act)	Section 313, based on available data.

Section 16. Other Information

Definitions

ASTM means American System of Testing and Materials

OSHA means Occupational Safety & Health Administration

IARC means International Agency for Research on Cancer

NTP means National Toxicology Program

HCS means Hazardous Communication Standard

CAS means Chemical Abstract Service

ACGIH means American Conference of Governmental Industrial Hygienists

CAL-OSHA means California OSHA, most CAL-OSHA standards defer to the federal OSHA standards

OSHA means Occupational Safety & Health Administration

OSHA PEL means OSHA Permissible Exposure Limit

OSHA STEL means spot exposure for a duration of 15 minutes, that cannot be repeated more than 4 times per day,

with at least 60 minutes between exposure periods

TWA means Time Weighted Average (average exposure on the basis of an 8h/day, 40h/week work schedule)

TLV means Threshold Limit Value - American Conference of Governmental Industrial Hygienists (ACGIH)

Three types of TLVs for chemical substances as defined by the ACGIH are:

- 1. TLV-TWA Time weighted average average exposure on the basis of an 8h/day, 40h/week work schedule.
- 2. **TLV-STEL** Short-term exposure limit spot exposure for a duration of 15 minutes, that cannot be repeated more than 4 times per day, with at least 60 minutes between exposure periods.
- 3. TLV-C Ceiling limit absolute exposure limit that should not be exceeded at any time.

This SDS is in compliance with The Globally Harmonized System of Classification and Labeling of Chemicals (GHS) – prepared May 12, 2015. This data sheet is subject to change without notice.

Information presented herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or any product in violation of any patent or in violation of any law or regulation. It is the user's responsibility to determine for himself the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. We make no warranty as to the results to be obtained in using any material and, since conditions of use are not under our control, we must necessarily disclaim all liability with respect to the use of any material supplied by us.