

# Product and Packaging information, Tiles and trims

Key logistical details including item codes and product specifications.

Soho Product & Packaging Information	RETRO BLACK ITEM CODE		CEMENT CHIC ITEM CODE		CLOUD BLUE ITEM CODE		SOFT SAGE ITEM CODE		LOFT GREY ITEM CODE			
	ACTUAL DIMENSIONS	THICKNESS	GLOSSY	MATTE	GLOSSY	MATTE	GLOSSY	MATTE	GLOSSY	MATTE	GLOSSY	MATTE
	8 x 24 in / 20 x 60 cm TILE	200 x 600 mm	9 mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8 x 16 in / 20 x 40 cm TILE	200 x 400 mm	8 mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 x 16 in / 10 x 40 cm TILE	100 x 400 mm	8 mm	4000-0229-0	4000-0237-0	4000-0166-0	4000-0236-0	4000-0231-0	4000-0239-0	4000-0230-0	4000-0238-0	4000-0228-0	4000-0235-0
4 x 12 in / 10 x 30 cm TILE	100 x 300 mm	8 mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 x 12 in / 10 x 30 cm BEVELED TILE	100 x 300 mm	9 mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 x 12 in / 5 x 30 cm TILE	50 x 300 mm	9 mm	4000-0210-0	4000-0219-0	4000-0209-0	4000-0218-0	4000-0212-0	4000-0221-0	4000-0211-0	4000-0220-0	4000-0208-0	4000-0217-0
6 x 6 in / 15 x 15 cm TILE	150 x 150 mm	7 mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 x 6 in / 7.5 x 15 cm TILE	75 x 150 mm	7 mm	4000-0201-0	N/A	4000-0156-1	N/A	4000-0203-0	N/A	4000-0202-0	N/A	4000-0200-0	N/A
3 x 6 in / 7.5 x 15 cm BEVELED TILE	75 x 150 mm	8 mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 x 8 in / 5 x 20 cm BULLNOSE	50 x 200 mm	8 mm	4002-0127-0	4002-0136-0	4002-0126-0	4002-0135-0	4002-0129-0	4002-0138-0	4002-0128-0	4002-0137-0	4002-0125-0	4002-0134-0
2 x 6 in / 5 x 15 cm BULLNOSE	50 x 150 mm	7 mm	4002-0118-0	N/A	4002-0159-0	N/A	4002-0120-0	N/A	4002-0119-0	N/A	4002-0117-0	N/A
12 in / 30 cm QUARTER ROUND	9 x 300 mm	9 mm	4002-0145-0	4002-0154-0	4002-0144-0	4002-0153-0	4002-0147-0	4002-0156-0	4002-0146-0	4002-0155-0	4002-0143-0	4002-0152-0

HALO GREY ITEM CODE		GALLERY GREY ITEM CODE		VINTAGE GREY ITEM CODE		CANVAS WHITE ITEM CODE		LBS BOX	KGS BOX	PCS BOX	SQFT BOX	M <sup>2</sup> BOX	BXS SKID	SQFT SKID	M <sup>2</sup> SKID
GLOSSY	MATTE	GLOSSY	MATTE	GLOSSY	MATTE	GLOSSY	MATTE								
N/A	N/A	4000-0243-0	N/A	4000-0242-0	N/A	4000-0176-0	N/A	45.85	20.8	12	15.5	1.44	36	558	51.84
N/A	N/A	4000-0241-0	N/A	4000-0240-0	N/A	4000-0175-0	N/A	30.6	13.88	12	10.33	0.96	57	588.81	54.72
4000-0168-0	4000-0234-0	4000-0227-0	4000-0233-0	4000-0226-0	4000-0232-0	4000-0170-0	4000-0171-0	30.82	13.98	25	10.76	1	70	753.2	70
N/A	N/A	4000-0223-0	N/A	4000-0222-0	N/A	4000-0172-0	N/A	28.29	12.83	30	9.69	0.9	60	581.4	54
N/A	N/A	4000-0225-0	N/A	4000-0224-0	N/A	4000-0173-0	N/A	28.29	12.83	30	9.69	0.9	72	697.68	64.8
4000-0207-0	4000-0216-0	4000-0206-0	4000-0215-0	4000-0205-0	4000-0214-0	4000-0204-0	4000-0213-0	35.28	16	44	7.1	0.66	72	511.2	47.52
N/A	N/A	N/A	N/A	N/A	N/A	4000-0174-1	N/A	24.9	11.29	44	10.66	0.99	68	724.8	67.32
4000-0157-1	N/A	4000-0199-0	N/A	4000-0198-0	N/A	4000-0158-1	4000-0160-1	25.6	11.61	88	10.66	0.99	68	724.88	67.32
N/A	N/A	N/A	N/A	N/A	N/A	4000-0161-1	N/A	26.48	12.01	88	10.66	0.99	56	596.96	55.4
4002-0124-0	4002-0133-0	4002-0123-0	4002-0132-0	4002-0122-0	4002-0131-0	4002-0121-0	4002-0130-0	12.7	5.8	44	N/A	N/A	121	5324 pcs.	5324 pcs.
4002-0158-0	N/A	4002-0116-0	N/A	4002-0115-0	N/A	4002-0157-0	4002-0160-0	8.7	3.9	44	N/A	N/A	187	8228 pcs.	8228 pcs.
4002-0142-0	4002-0151-0	4002-0141-0	4002-0150-0	4002-0140-0	4002-0149-0	4002-0139-0	4002-0148-0	7.56	3.43	60	N/A	N/A	45	2700 pcs.	2700 pcs.

# Product and Packaging information, *Mosaics*

Key logistical details including item codes and product specifications.

<i>Soho Product &amp; Packaging Information</i>	RETRO BLACK ITEM CODE		CEMENT CHIC ITEM CODE		CLOUD BLUE ITEM CODE		SOFT SAGE ITEM CODE		LOFT GREY ITEM CODE			
	ACTUAL DIMENSIONS	THICKNESS	GLOSSY	MATTE	GLOSSY	MATTE	GLOSSY	MATTE	GLOSSY	MATTE		
2 x 6 in / 4.8 x 14.8 cm HERRINGBONE MOSAIC	209 x 422 mm	6 mm	4501-0525-0	4501-0534-0	4501-0524-0	4501-0533-0	4501-0527-0	4501-0536-0	4501-0526-0	4501-0535-0	4501-0523-0	4501-0532-0
2 x 6 in / 4.8 x 14.8 cm BRICK MOSAIC	296 x 298 mm	6 mm	4501-0500-0	4501-0509-0	4501-0499-0	4501-0508-0	4501-0502-0	4501-0511-0	4501-0501-0	4501-0510-0	4501-0498-0	4501-0507-0
2 x 2 in / 4.8 x 4.8 cm GLAZED MOSAIC	303 x 303 mm	6 mm	N/A	4501-0422-0	N/A	4501-0272-1	N/A	N/A	N/A	N/A	N/A	4501-0421-0
2 x 2 in / 4.8 x 4.8 cm UNGLAZED MOSAIC	303 x 303 mm	6 mm	N/A	4501-0427-0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 in / 5.1 cm HEXAGON GLAZED MOSAIC	274 x 317 mm	6 mm	N/A	4501-0460-0	N/A	4501-0459-0	N/A	4501-0462-0	N/A	4501-0461-0	N/A	4501-0458-0
2 in / 5.1 cm HEXAGON UNGLAZED MOSAIC	274 x 317 mm	6 mm	N/A	4501-0467-0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1 in / 2.3 cm HEXAGON WITH INSERT MOSAIC	293 x 296 mm	6 mm	N/A	4501-0452-0	N/A	4501-0451-0	N/A	4501-0454-0	N/A	4501-0453-0	N/A	4501-0450-0
1 in / 2.3 cm HEXAGON MOSAIC	293 x 296 mm	6 mm	N/A	4501-0449-0	N/A	4501-0448-0	N/A	N/A	N/A	N/A	N/A	4501-0447-0
BEVELED ARABESQUE MOSAIC	265 x 338 mm	7 mm	N/A	N/A	N/A	N/A	4501-0479-0	N/A	4501-0478-0	N/A	4501-0477-0	N/A
SCALLOP GLAZED PORCELAIN MOSAIC	273 x 339 mm	6 mm	N/A	N/A	N/A	N/A	4501-0518-0	N/A	4501-0517-0	N/A	4501-0516-0	N/A
2 x 5 in / 4.6 x 12.8 cm PICKET MOSAIC	284 x 318 mm	6 mm	4501-0486-0	4501-0493-0	4501-0485-0	4501-0492-0	N/A	N/A	N/A	N/A	4501-0484-0	4501-0491-0
3/4 in / 1.9 cm PENNY ROUND MOSAIC	289 x 313 mm	6 mm	4501-0432-0	4501-0441-0	4501-0431-0	4501-0440-0	4501-0434-0	4501-0443-0	4501-0433-0	4501-0442-0	4501-0430-0	4501-0439-0
BASKETWEAVE MOSAIC	298 x 298 mm	6 mm	N/A	4501-0470-0	N/A	4501-0469-0	N/A	4501-0472-0	N/A	4501-0471-0	N/A	4501-0468-0

HALO GREY ITEM CODE		GALLERY GREY ITEM CODE		VINTAGE GREY ITEM CODE		CANVAS WHITE ITEM CODE		LBS BOX	KGS BOX	PCS BOX	SQFT BOX	M² BOX	BXS SKID	SQFT SKID	M² SKID
GLOSSY	MATTE	GLOSSY	MATTE	GLOSSY	MATTE	GLOSSY	MATTE								
4501-0522-0	4501-0531-0	4501-0521-0	4501-0530-0	4501-0520-0	4501-0529-0	4501-0519-0	4501-0528-0	24.93	11.31	10	9.47	0.88	54	511.38	47.52
4501-0497-0	4501-0506-0	4501-0496-0	4501-0505-0	4501-0495-0	4501-0504-0	4501-0494-0	4501-0503-0	24.49	11.11	10	9.47	0.88	81	767.07	71.28
N/A	4501-0273-1	N/A	4501-0420-0	N/A	4501-0419-0	N/A	4501-0274-1	24.49	11.11	10	9.9	0.92	81	801.9	74.52
N/A	4501-0424-0	N/A	4501-0425-0	N/A	4501-0423-0	N/A	N/A	24.49	11.11	10	9.9	0.92	81	801.9	74.52
N/A	4501-0457-0	N/A	4501-0456-0	N/A	4501-0455-0	N/A	4501-0275-1	23.41	10.62	10	9.36	0.87	81	758.16	70.47
N/A	4501-0464-0	N/A	4501-0465-0	N/A	4501-0463-0	N/A	N/A	23.41	10.62	10	9.36	0.87	81	758.16	70.47
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22.78	10.33	10	9.36	0.87	81	758.16	70.47
N/A	4501-0446-0	N/A	4501-0445-0	N/A	4501-0444-0	N/A	4501-0562-0	20.15	9.14	10	9.36	0.87	81	758.16	70.47
4501-0476-0	N/A	4501-0475-0	N/A	4501-0474-0	N/A	4501-0473-0	N/A	27.85	12.63	10	9.69	0.9	72	697.68	64.8
4501-0515-0	N/A	4501-0514-0	N/A	4501-0513-0	N/A	4501-0512-0	N/A	25.62	11.62	10	10.01	0.93	81	810.81	75.33
4501-0483-0	4501-0490-0	4501-0482-0	4501-0489-0	4501-0481-0	4501-0488-0	4501-0480-0	4501-0487-0	27.23	12.35	10	9.69	0.9	81	784.89	72.9
4501-0262-1	4501-0438-0	4501-0429-0	4501-0437-0	4501-0428-1	4501-0436-0	4501-0263-1	4501-0435-0	20.68	9.38	10	9.69	0.9	81	784.89	72.9
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	25.04	11.36	10	9.58	0.89	81	775.98	72.09

# Product and Packaging information, *Patterned mosaics*

Key logistical details including item codes and product specifications.










<i>Soho Product &amp; Packaging Information</i>		MORNING BLEND ITEM CODE	AFTERNOON BLEND ITEM CODE	EVENING BLEND ITEM CODE	MIDNIGHT BLEND ITEM CODE	DAWN BLEND ITEM CODE	
ACTUAL DIMENSIONS	THICKNESS	MATTE	MATTE	MATTE	MATTE	MATTE	
PLAID PATTERN MOSAIC	339 x 339 mm	6 mm	4501-0537-0	4501-0538-0	4501-0539-0	4501-0540-0	4501-0541-0
CHAIN PATTERN MOSAIC	290 x 290 mm	6 mm	4501-0542-0	4501-0543-0	4501-0544-0	4501-0545-0	4501-0546-0
CUBIC PATTERN MOSAIC	254 x 254 mm	6 mm	4501-0547-0	4501-0548-0	4501-0549-0	4501-0550-0	4501-0551-0
HEXAGON PATTERN MOSAIC	211 x 367 mm	6 mm	4501-0552-0	4501-0553-0	4501-0554-0	4501-0555-0	4501-0556-0
DIAMOND PATTERN MOSAIC	195 x 338 mm	6 mm	4501-0557-0	4501-0558-0	4501-0559-0	4501-0560-0	4501-0561-0

LBS BOX	KGS BOX	PCS BOX	SQFT BOX	M <sup>2</sup> BOX	BXS SKID	SQFT SKID	M <sup>2</sup> SKID
24.49	11.11	10	12.81	1.19	81	1037.61	96.39
18.52	8.4	10	9.47	0.88	81	767.07	71.28
14.79	6.71	10	7	0.65	108	756	70.2
19.11	8.67	10	8.29	0.77	90	746.1	69.3
16.31	7.4	10	7.1	0.66	108	766.8	71.28

# Soho - Technical information, *Tiles and trims*

*Tile collection performance based on industry standards.*

## Technical Information

	WATER ABSORPTION	ANSI / ISO - (%)	10% ≤E ≤18% - P4
	ABRASION RESISTANCE	ANSI / ISO	CLASS 0
	SCRATCH HARDNESS	ANSI / ISO - (Mohs)	GLOSSY 2 MATTE 2
	BREAKING STRENGTH	ANSI - (lbf) ISO - (N)	>230 >1000
	SHADE VARIATION		V1
	SLIP RESISTANCE	ANSI - DCOF (WET) ISO - R VALUE	GLOSSY N/A GLOSSY N/A MATTE N/A MATTE N/A
	CHEMICAL RESISTANCE	ANSI / ISO	CLASS B
	STAIN RESISTANCE	ANSI ISO	CLASS B CLASS 4
	FROST RESISTANCE	ANSI / ISO	NOT RESISTANT

Test values are based on ANSI / ISO standards according to: ANSI A137.1 Non-Vitreous P4 Class, ISO 13006 - L - Group BIII, EN 14411- L - Group BIII. Variances in test values can occur in different production lots.

## Usage recommendation, *Tiles and trims*

*Anatolia's recommendations for suitable applications.*










Usage Recommendations*		GLOSSY GLAZED CERAMIC		MATTE GLAZED CERAMIC	
		WALL	FLOOR	WALL	FLOOR
INTERIOR	RESIDENTIAL	•		•	
	COMMERCIAL	•		•	
	HEAVY COMMERCIAL				
EXTERIOR	RESIDENTIAL / COMMERCIAL				

\* These recommendations are not defined by ANSI/ISO standards.

# Soho - Technical information, *Mosaics*

*Tile collection performance based on industry standards.*

## Technical Information

	WATER ABSORPTION	ANSI / ISO - (%)	≤ 0.5			
	ABRASION RESISTANCE	ANSI / ISO	CLASS 0, 3, 4			
	SCRATCH HARDNESS	ANSI / ISO - (Mohs)	GLOSSY 5 MATTE 6 UNGLAZED 7			
	BREAKING STRENGTH	ANSI - (lbf) ISO - (N)	>275 >1220			
	SHADE VARIATION		V1			
	SLIP RESISTANCE	ANSI - DCOF (WET) ISO - R VALUE	GLOSSY ≥0.42 DRY (ID) GLOSSY R(-)	MATTE ≥0.42 DRY (ID) MATTE R(-)	UNGLAZED ≥0.65 (ID, IW, IW+, EW*, O/G*) UNGLAZED R10	
	CHEMICAL RESISTANCE	ANSI / ISO	CLASS A			
	STAIN RESISTANCE	ANSI ISO	CLASS A CLASS 5			
	FROST RESISTANCE	ANSI / ISO	PASS			

Test values are based on ANSI / ISO standards according to: ANSI A137.1 - Porcelain tile P1 Class, ISO 13006 - G - Bia Group, En 14411 - G - Bia Group. Variances in test values can occur in different production lots.

## Usage recommendation, *Mosaics*

*Anatolia's recommendations for suitable applications.*

Usage Recommendations*		GLOSSY GLAZED PORCELAIN		MATTE GLAZED PORCELAIN		MATTE UNGLAZED PORCELAIN	
		WALL	FLOOR	WALL	FLOOR	WALL	FLOOR
INTERIOR	RESIDENTIAL	•	ID	•	ID	•	ID, IW, IW+, EW*, O/G*
	COMMERCIAL	•	ID	•	ID	•	ID, IW, IW+, EW*, O/G*
	HEAVY COMMERCIAL	•		•		•	
EXTERIOR	RESIDENTIAL / COMMERCIAL	•		•		•	ID, IW, IW+, EW*, O/G*

\* These recommendations are not defined by ANSI/ISO standards.










DCOF Classifications per ANSI A326.3: (ID): Interior, Dry (IW): Interior, Wet (IW+): Interior, Wet Plus (EW): Exterior, Wet (O/G): Oils/Greases

\* Factors other than the noted DCOF result must also be taken into consideration. Such factors include, but are not limited to, expected contaminants, drainage, surface texture, effect of structure on the DCOF measurement, number of grout joints, traction-enhancing features, and intended use in addition to the other criteria noted in standard ANSI A326.3

# Soho - Technical information, *Patterned mosaics*

*Tile collection performance based on industry standards.*

## Technical Information

	WATER ABSORPTION	ANSI / ISO - (%)	< 0.5
	ABRASION RESISTANCE	ANSI / ISO	CLASS 4
	SCRATCH HARDNESS	ANSI / ISO - (Mohs)	MATTE 6
	BREAKING STRENGTH	ANSI - (lbf) ISO - (N)	> 275 > 1220
	SHADE VARIATION		V1
	SLIP RESISTANCE	ANSI - DCOF (WET) ISO - R VALUE	MATTE $\geq$ 0.42 DRY (ID) MATTE R(-)
	CHEMICAL RESISTANCE	ANSI / ISO	CLASS A
	STAIN RESISTANCE	ANSI ISO	CLASS A CLASS 5
	FROST RESISTANCE	ANSI / ISO	PASS

Test values are based on ANSI / ISO standards according to: ANSI A137.1 - Porcelain tile P1 Class, ISO 13006 - G - Bia Group, En 14411 - G - Bia Group. Variances in test values can occur in different production lots.

# Usage recommendation, *Patterned mosaics*

*Anatolia's recommendations for suitable applications.*

## Usage Recommendations\*

MATTE GLAZED PORCELAIN

APPLICATION		WALL	FLOOR
INTERIOR	RESIDENTIAL	•	ID
	COMMERCIAL	•	ID
	HEAVY COMMERCIAL	•	
EXTERIOR	RESIDENTIAL / COMMERCIAL	•	

\* These recommendations are not defined by ANSI/ISO standards.

DCOF Classifications per ANSI A326.3: (ID): Interior, Dry (IW): Interior, Wet (IW+): Interior, Wet Plus (EW): Exterior, Wet (O/G): Oils/Greases

\* Factors other than the noted DCOF result must also be taken into consideration. Such factors include, but are not limited to, expected contaminants, drainage, surface texture, effect of structure on the DCOF measurement, number of grout joints, traction-enhancing features, and intended use in addition to the other criteria noted in standard ANSI A326.3

# Safety Data Sheet:

## *Ceramic Wall Tile*

FILE NO.: SDS.YBCWT.01

SDS DATE: January 2015

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### SECTION 1: IDENTIFICATION

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PRODUCT NAME: Ceramic Wall Tile  
SYNONYMS:  
PRODUCT CODES: All current product references  
PRODUCT USE: Residential & Commercial Construction Applications

CHEMICAL NAME: N/A  
CHEMICAL FAMILY: N/A  
CHEMICAL FORMULA: N/A

MANUFACTURER: Anatolia Tile & Stone (Designer & Importer)  
DIVISION: Corporate Office  
ADDRESS: 8300 Huntington Road, Vaughan, ON Canada L4L 1A5

EMERGENCY PHONE: 905-771-3800  
CHEMTREC PHONE:  
OTHER CALLS:  
FAX PHONE: 905-771-6300

PREPARED BY: Diana Vacca

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### SECTION 2: HAZARD(S) IDENTIFICATION

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CARCINOGEN



IRRITANT / RESPIRATORY TRACT IRRITATION

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NOTES: Not applicable for intact tiles. Excessive exposure to tile dust can cause discomfort and mechanical irritation. Long term exposure to silica dusts can lead to silicosis.

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#### EMERGENCY OVERVIEW:

The product is not classified as hazardous according to Regulation 1272/2008 (CLP). The product is a mixture of natural occurring minerals that have been mixed with water and fired in a high temperature kiln.

#### POTENTIAL HEALTH EFFECTS

EYES: Mechanical stress through eye rubbing if exposed to dust or airborne particulates

SKIN: Skin irritation if exposed to dust or airborne particulates

INGESTION: Potential choking hazard if exposed to airborne particulates

INHALATION: Mechanical stress from inhalation of dust or airborne particulates

# Safety Data Sheet:

FILE NO.: SDS.YBCWT.01

## *Ceramic Wall Tile*

SDS DATE: January 2015

ACUTE HEALTH HAZARDS: No further relevant information available.

CHRONIC HEALTH HAZARDS: No further relevant information available

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### SECTION 2: HAZARD(S) IDENTIFICATION - CONTINUED

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MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No further relevant information available

#### CARCINOGENICITY

Crystalline Silica (Quartz)  
LD50 Rat oral > 22,500 mg/kg & LD50 Mouse oral > 15,000 mg/kg  
LC50 Carp > 10,000 mg/l (per 72 hr)

OSHA: Recommended that Crystalline Silica be considered a POTENTIAL occupational carcinogen  
ACGIH: No information available  
NTP: 9<sup>th</sup> Report: Lists Respirable Crystalline Silica as known to be a Human Carcinogen  
IARC: Respirable Crystalline Silica is classified as a Group 1 Carcinogen (carcinogenic to humans).

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### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

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#### INGREDIENT:

The product is a mixture of below natural occurring minerals that have been mixed with water and fired in a high temperature kiln. This tile contains <0.1 percent by weight each of the following elements; cadmium, zinc, chrome and other metals.

<u>NAME</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>SARA 313 REPORTABLE</u>
Crystalline Silica (Quartz) *	7631-86-9	30 - 50	DSD: Not Classified CLP: Not Classified
Amorphous Phase **	60676-86-0	20 - 40	DSD: Not Classified CLP: Not Classified
Anorthite		15 - 30	DSD: Not Classified CLP: Not Classified
Mullite	215-113-2	5 - 15	DSD: Not Classified CLP: Not Classified

\* Crystalline Silica exists in the nature of the minerals such as sand and clay

\*\* Amorphous phase includes some of the following: *Al<sub>2</sub>O<sub>3</sub>, SiO<sub>2</sub>, CaO, K<sub>2</sub>O, Na<sub>2</sub>O, Fe<sub>2</sub>O<sub>3</sub>*

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### SECTION 4: FIRST AID MEASURES

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Respiratory, hand and eye protection may be needed to prevent excess exposure to airborne particulates if dust is produced by cutting tiles or if dust is produced by any other operations, including removal.

EYES: Do not rub eyes in order to avoid possible cornea damage as a result of mechanical stress. Check for and remove any contact lenses. Rinse out with water with eyelid held wide open. Get medical attention if irritation persists.

SKIN: Wash off immediately with soap and plenty of water. Get medical attention if irritation persists.

INGESTION: Rinse out mouth and make victim drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting unless directed to do so by medical personnel; call for medical help.



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## *Ceramic Wall Tile*

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INHALATION: Remove from exposure. Keep warm and at rest and provide fresh air. Dust in throat and nasal passages should clear spontaneously. Get medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No further information available.

---

### SECTION 5: FIRE-FIGHTING MEASURES

---

FLAMMABLE LIMITS IN AIR, UPPER: Not Flammable  
(% BY VOLUME) LOWER: Not Flammable

FLASH POINT: No Data Available

F: N/A

C: N/A

METHOD USED:

AUTOIGNITION TEMPERATURE: No Data Available

F: N/A

C: N/A

EXTINGUISHING MEDIA:

Suitable: Water, alcohol resistant foam, CO<sub>2</sub>, dry chemical powder

Unsuitable: Water jet

SPECIAL FIRE FIGHTING PROCEDURES:

Wear self-contained breathing apparatus and full protective clothing in case of fire. Avoid breathing fire fumes

UNUSUAL FIRE AND EXPLOSION HAZARDS: Not explosive

HAZARDOUS DECOMPOSITION PRODUCTS:

The product is non-combustible and non-explosive and will not facilitate or sustain the combustion of other materials. Development of hazardous combustion gases or fumes are possible in the event of fire.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

---

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

For non-emergency personnel: Keep unnecessary and unprotected personnel from entering. Wear appropriate personal protective equipment as described in Section 8. Follow the advice for safe handling and use given in Section 7.

For emergency responders: Emergency procedures are not required. However, respiratory protection is needed in situations with high dust levels.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP

Do not empty into drains and sewers. Keep from entering into water and ground water systems. Contain spillage where possible and safe to do so. Inform appropriate authority in case of accidental contamination of watercourses or drains.

Use dry clean up methods such as vacuum exhaust which do not generate dust formation. Never use compressed air for cleaning. If dust is formed applying a dry cleaning method, personal protective equipment must be used. Avoid inhalation of product dust and skin contact. Place the spilled material in an appropriate waste disposal container for proper disposal.

# Safety Data Sheet:

## *Ceramic Wall Tile*

FILE NO.: SDS.YBCWT.01

SDS DATE: January 2015

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### SECTION 7: HANDLING AND STORAGE

---

#### PRECAUTIONS FOR SAFE HANDLING

Provide adequate ventilation. Provide local exhaust or general room ventilation to minimize dust concentrations. Avoid inhalation and contact with skin, eye and clothing.

#### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in accordance with local regulations. Store in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink.

#### OTHER PRECAUTIONS:

No further relevant information available.

**EXPOSURE GUIDELINES:** Attempt to stop spillage without personal risk. Should not be released into the environment. Prevent product from entering drains.

---

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

---



#### ENGINEERING CONTROLS:

Contains the following ingredients with occupational exposure limit values:

Crystalline Silica (Quartz): TWA: 0.1 mg/cubic meter (respirable dust)

**VENTILATION :** Provide adequate ventilation. Provide local exhaust or general room ventilation to minimize dust concentrations. The highest probability of silica exposure occurs during dry cutting. Wet cutting methods are recommended.

**RESPIRATORY PROTECTION:** Use FFP2 type dust mask

**EYE PROTECTION:** Use tight fitting safety goggles or safety glasses with side shields where dust is formed. Contact lenses may absorb irritants. Do not wear contact lenses in work areas. Have emergency eyewash station available in area where tiles are cut

**SKIN PROTECTION:** Wear dust proof protective gloves, boots, and long sleeved clothing.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None required

**WORK HYGIENIC PRACTICES:** Do not eat, drink or smoke when working. Wash hands and if necessary shower before breaks and after work to remove adherent product. Avoid contact with eyes and skin. After working with product, workers should wash or shower and use skin care products. Clean contaminated clothing, footwear etc thoroughly before re-using them.

# Safety Data Sheet:

## *Ceramic Wall Tile*

FILE NO.: SDS.YBCWT.01

SDS DATE: January 2015

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### SECTION 9: PHYSICAL DATA

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APPEARANCE: Solid

ODOR: Odourless

PHYSICAL STATE: Solid

pH AS SUPPLIED: No data available  
pH (Other):

BOILING POINT: No data available

F:

C:

MELTING POINT:

F: > 2192

C: > 1200

FREEZING POINT: No data available

F:

C:

VAPOR PRESSURE (mmHg): Not applicable

@

F:

C:

VAPOR DENSITY (AIR = 1): 1.75 – 2.95 g / cubic centimeter

@

F:

C:

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): Not applicable

@

F:

C:

EVAPORATION RATE: Not applicable

BASIS (=1):

SOLUBILITY IN WATER: Not soluble

PERCENT SOLIDS BY WEIGHT: 100%

PERCENT VOLATILE: Not applicable

BY WT/ BY VOL @

F:

C:

VOLATILE ORGANIC COMPOUNDS (VOC): Not applicable

WITH WATER: LBS/GAL  
WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT: Not applicable

VISCOSITY: Not applicable

@

F:

C:

# Safety Data Sheet:

## *Ceramic Wall Tile*

FILE NO.: SDS.YBCWT.01

SDS DATE: January 2015

---

### SECTION 10: STABILITY AND REACTIVITY DATA

---

STABILITY: The product is STABLE under normal conditions of storage and use. Contact with incompatible materials should be avoided.

CONDITIONS TO AVOID (STABILITY): Avoid contact with acids (e.g. acetic, hydrofluoric, etc.) Glass is non-flammable. Glass will react with hydrofluoric acid producing a corrosive gas – silicon tetra fluoride.

INCOMPATIBILITY (MATERIAL TO AVOID): Acids (e.g., acetic, hydrofluoric, etc.)

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced. In a fire, decomposition may produce toxic gases / fumes. Glass sand is not classified as a hazardous material by the criteria of the OSHA Hazard Communication Standard, Title 29, Code of Federal Regulations, Section 1910.1200.

HAZARDOUS POLYMERIZATION: Not applicable

CONDITIONS TO AVOID (POLYMERIZATION): Not applicable

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### SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION: Acute: Working with broken or cut tile produces a potential for cuts to the hands and exposed body parts. Acute effects such as eye irritation may occur if associated with high dust operations such as dry cutting tile or during the removal of tile surfaces.

Chronic: Not applicable for intact tiles. Excessive exposure to tile dust can cause discomfort and mechanical irritation. Long term exposure to silica dusts can lead to silicosis.

Crystalline Silica (Quartz)

LD50 Rat oral > 22,500 mg / kg & LD50 Mouse oral > 15,000 mg / kg

LC50 Carp > 10,000 mg / l (per 72 hr)

Skin & Eye corrosion / irritation

Inhalation and potential eye exposure to eyes may cause irritation if contact is made with broken, and / or during procedures involving the cutting of tiles, and / or for operations involving the removal of installed tiles.

Sensitization Existing lung disease may be aggravated after exposure to tile dusts. Long term exposure to silica dusts can lead to silicosis.

Genetic Toxicity No data available

Repeated Dose Toxicity No data available

Cardinogenicity

Respirable crystalline silica is classified by the International Agency for Research on Cancer (IARC) as a Group 1 Carcinogen (carcinogenic to humans). The National Toxicology Program (9<sup>th</sup> Report) lists respirable crystalline silica as known to be a Human Carcinogen. USDOL/OSHA and NIOSH have recommended that crystalline silica be considered a potential occupational carcinogen.

Reproductive Toxicity No data available

Specific target organ Toxicity No data available



# Safety Data Sheet:

## *Floor Tile & Glazed Porcelain Tile*

FILE NO.: SDS.YBCFT.01

SDS DATE: January 2018

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### SECTION 1: IDENTIFICATION

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PRODUCT NAME: Floor Tile & Glazed or Unglazed Porcelain Tile  
SYNONYMS:  
PRODUCT CODES: All current product references  
PRODUCT USE: Residential & Commercial Construction Applications

CHEMICAL NAME: N/A  
CHEMICAL FAMILY: N/A  
CHEMICAL FORMULA: N/A

MANUFACTURER: Anatolia Tile & Stone (Designer & Importer)  
DIVISION: Corporate Office  
ADDRESS: 8300 Huntington Road, Vaughan, ON Canada L4L 1A5

EMERGENCY PHONE: 905-771-3800  
CHEMTREC PHONE:  
OTHER CALLS:  
FAX PHONE: 905-771-6300

PREPARED BY: Diana Vacca

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### SECTION 2: HAZARD(S) IDENTIFICATION

---



CARCINOGEN



IRRITANT / RESPIRATORY TRACT IRRITATION

---

NOTES: Not applicable for intact tiles. Excessive exposure to tile dust can cause discomfort and mechanical irritation. Long term exposure to silica dusts can lead to silicosis.

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#### EMERGENCY OVERVIEW:

The product is not classified as hazardous according to Regulation 1272/2008 (CLP). The product is a mixture of natural occurring minerals that have been mixed with water and fired in a high temperature kiln.

#### POTENTIAL HEALTH EFFECTS

EYES: Mechanical stress through eye rubbing if exposed to dust or airborne particulates

SKIN: Skin irritation if exposed to dust or airborne particulates

INGESTION: Potential choking hazard if exposed to airborne particulates

INHALATION: Mechanical stress from inhalation of dust or airborne particulates

# Safety Data Sheet:

FILE NO.: SDS.YBCFT.01

## Floor Tile & Glazed Porcelain Tile

SDS DATE: January 2018

ACUTE HEALTH HAZARDS: No further relevant information available.

CHRONIC HEALTH HAZARDS: No further relevant information available

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### SECTION 2: HAZARD(S) IDENTIFICATION - CONTINUED

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MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No further relevant information available

#### CARCINOGENICITY

Crystalline Silica (Quartz)  
LD50 Rat oral > 22,500 mg/kg & LD50 Mouse oral > 15,000 mg/kg  
LC50 Carp > 10,000 mg/l (per 72 hr)

OSHA: Recommended that Crystalline Silica be considered a POTENTIAL occupational carcinogen  
ACGIH: No information available  
NTP: 9<sup>th</sup> Report: Lists Respirable Crystalline Silica as known to be a Human Carcinogen  
IARC: Respirable Crystalline Silica is classified as a Group 1 Carcinogen (carcinogenic to humans).

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### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

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#### INGREDIENT:

The product is a mixture of below natural occurring minerals that have been mixed with water and fired in a high temperature kiln. This tile contains <0.1 percent by weight each of the following elements; cadmium, zinc, chrome and other metals.

<u>NAME</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>SARA 313 REPORTABLE</u>
Crystalline Silica (Quartz) *	7631-86-9	20 - 30	DSD: Not Classified CLP: Not Classified
Amorphous Phase **	60676-86-0	50 - 70	DSD: Not Classified CLP: Not Classified
Albite	270-666-7	10 - 20	DSD: Not Classified CLP: Not Classified
Mullite	215-113-2	10 - 20	DSD: Not Classified CLP: Not Classified

\* Crystalline Silica exists in the nature of the minerals such as sand and clay

\*\* Amorphous phase includes some of the following: *Al<sub>2</sub>O<sub>3</sub>, SiO<sub>2</sub>, CaO, K<sub>2</sub>O, Na<sub>2</sub>O, Fe<sub>2</sub>O<sub>3</sub>*

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### SECTION 4: FIRST AID MEASURES

---

Respiratory, hand and eye protection may be needed to prevent excess exposure to airborne particulates if dust is produced by cutting tiles or if dust is produced by any other operations, including removal.

EYES: Do not rub eyes in order to avoid possible cornea damage as a result of mechanical stress. Check for and remove any contact lenses. Rinse out with water with eyelid held wide open. Get medical attention if irritation persists.

SKIN: Wash off immediately with soap and plenty of water. Get medical attention if irritation persists.

INGESTION: Rinse out mouth and make victim drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting unless directed to do so by medical personnel; call for medical help.

# Safety Data Sheet:

FILE NO.: SDS.YBCFT.01

## *Floor Tile & Glazed Porcelain Tile*

SDS DATE: January 2018

INHALATION: Remove from exposure. Keep warm and at rest and provide fresh air. Dust in throat and nasal passages should clear spontaneously. Get medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No further information available.

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### SECTION 5: FIRE-FIGHTING MEASURES

---

FLAMMABLE LIMITS IN AIR, UPPER: Not Flammable  
(% BY VOLUME) LOWER: Not Flammable

FLASH POINT: No Data Available

F: N/A

C: N/A

METHOD USED:

AUTOIGNITION TEMPERATURE: No Data Available

F: N/A

C: N/A

EXTINGUISHING MEDIA:

Suitable: Water, alcohol resistant foam, CO<sub>2</sub>, dry chemical powder

Unsuitable: Water jet

SPECIAL FIRE FIGHTING PROCEDURES:

Wear self-contained breathing apparatus and full protective clothing in case of fire. Avoid breathing fire fumes

UNUSUAL FIRE AND EXPLOSION HAZARDS: Not explosive

HAZARDOUS DECOMPOSITION PRODUCTS:

The product is non-combustible and non-explosive and will not facilitate or sustain the combustion of other materials. Development of hazardous combustion gases or fumes are possible in the event of fire.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

---

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

For non-emergency personnel: Keep unnecessary and unprotected personnel from entering. Wear appropriate personal protective equipment as described in Section 8. Follow the advice for safe handling and use given in Section 7.

For emergency responders: Emergency procedures are not required. However, respiratory protection is needed in situations with high dust levels.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP

Do not empty into drains and sewers. Keep from entering into water and ground water systems. Contain spillage where possible and safe to do so. Inform appropriate authority in case of accidental contamination of watercourses or drains.

Use dry clean up methods such as vacuum exhaust which do not generate dust formation. Never use compressed air for cleaning. If dust is formed applying a dry cleaning method, personal protective equipment must be used. Avoid inhalation of product dust and skin contact. Place the spilled material in an appropriate waste disposal container for proper disposal.



# Safety Data Sheet:

## *Floor Tile & Glazed Porcelain Tile*

FILE NO.: SDS.YBCFT.01

SDS DATE: January 2018

---

### SECTION 7: HANDLING AND STORAGE

---

#### PRECAUTIONS FOR SAFE HANDLING

Provide adequate ventilation. Provide local exhaust or general room ventilation to minimize dust concentrations. Avoid inhalation and contact with skin, eye and clothing.

#### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in accordance with local regulations. Store in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink.

#### OTHER PRECAUTIONS:

No further relevant information available.

**EXPOSURE GUIDELINES:** Attempt to stop spillage without personal risk. Should not be released into the environment. Prevent product from entering drains.

---

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

---



#### ENGINEERING CONTROLS:

Contains the following ingredients with occupational exposure limit values:

Crystalline Silica (Quartz): TWA: 0.1 mg/cubic meter (respirable dust)

**VENTILATION :** Provide adequate ventilation. Provide local exhaust or general room ventilation to minimize dust concentrations. The highest probability of silica exposure occurs during dry cutting. Wet cutting methods are recommended.

**RESPIRATORY PROTECTION:** Use FFP2 type dust mask

**EYE PROTECTION:** Use tight fitting safety goggles or safety glasses with side shields where dust is formed. Contact lenses may absorb irritants. Do not wear contact lenses in work areas. Have emergency eyewash station available in area where tiles are cut

**SKIN PROTECTION:** Wear dust proof protective gloves, boots, and long sleeved clothing.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None required

**WORK HYGIENIC PRACTICES:** Do not eat, drink or smoke when working. Wash hands and if necessary shower before breaks and after work to remove adherent product. Avoid contact with eyes and skin. After working with product, workers should wash or shower and use skin care products. Clean contaminated clothing, footwear etc thoroughly before re-using them.

# Safety Data Sheet:

## *Floor Tile & Glazed Porcelain Tile*

FILE NO.: SDS.YBCFT.01

SDS DATE: January 2018

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### SECTION 9: PHYSICAL DATA

---

APPEARANCE: Solid

ODOR: Odourless

PHYSICAL STATE: Solid

pH AS SUPPLIED: No data available  
pH (Other):

BOILING POINT: No data available  
F:  
C:

MELTING POINT:  
F: > 2372  
C: > 1300

FREEZING POINT: No data available  
F:  
C:

VAPOR PRESSURE (mmHg): Not applicable  
@

F:  
C:  
VAPOR DENSITY (AIR = 1): 2.35 – 2.95 g / cubic centimeter  
@

F:  
C:  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1): Not applicable  
@

F:  
C:  
EVAPORATION RATE: Not applicable

BASIS (=1):

SOLUBILITY IN WATER: Not soluble

PERCENT SOLIDS BY WEIGHT: 100%

PERCENT VOLATILE: Not applicable  
BY WT/ BY VOL @

F:  
C:  
VOLATILE ORGANIC COMPOUNDS (VOC): Not applicable

WITH WATER: LBS/GAL  
WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT: Not applicable

VISCOSITY: Not applicable  
@

F:  
C:

# Safety Data Sheet:

## *Floor Tile & Glazed Porcelain Tile*

FILE NO.: SDS.YBCFT.01

SDS DATE: January 2018

---

### SECTION 10: STABILITY AND REACTIVITY DATA

---

**STABILITY:** The product is STABLE under normal conditions of storage and use. Contact with incompatible materials should be avoided.

**CONDITIONS TO AVOID (STABILITY):** Avoid contact with acids (e.g. acetic, hydrofluoric, etc.) Glass is non-flammable. Glass will react with hydrofluoric acid producing a corrosive gas – silicon tetra fluoride.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Acids (e.g., acetic, hydrofluoric, etc.)

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Under normal conditions of storage and use, hazardous decomposition products should not be produced. In a fire, decomposition may produce toxic gases / fumes. Glass sand is not classified as a hazardous material by the criteria of the OSHA Hazard Communication Standard, Title 29, Code of Federal Regulations, Section 1910.1200.

**HAZARDOUS POLYMERIZATION:** Not applicable

**CONDITIONS TO AVOID (POLYMERIZATION):** Not applicable

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### SECTION 11: TOXICOLOGICAL INFORMATION

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**TOXICOLOGICAL INFORMATION:** Acute: Working with broken or cut tile produces a potential for cuts to the hands and exposed body parts. Acute effects such as eye irritation may occur if associated with high dust operations such as dry cutting tile or during the removal of tile surfaces.

Chronic: Not applicable for intact tiles. Excessive exposure to tile dust can cause discomfort and mechanical irritation. Long term exposure to silica dusts can lead to silicosis.

Crystalline Silica (Quartz)

LD50 Rat oral > 22,500 mg / kg & LD50 Mouse oral > 15,000 mg / kg

LC50 Carp > 10,000 mg / l (per 72 hr)

**Skin & Eye corrosion / irritation**

Inhalation and potential eye exposure to eyes may cause irritation if contact is made with broken, and / or during procedures involving the cutting of tiles, and / or for operations involving the removal of installed tiles.

**Sensitization** Existing lung disease may be aggravated after exposure to tile dusts. Long term exposure to silica dusts can lead to silicosis.

**Genetic Toxicity** No data available

**Repeated Dose Toxicity** No data available

**Cardinogenicity**

Respirable crystalline silica is classified by the International Agency for Research on Cancer (IARC) as a Group 1 Carcinogen (carcinogenic to humans). The National Toxicology Program (9<sup>th</sup> Report) lists respirable crystalline silica as known to be a Human Carcinogen. USDOL/OSHA and NIOSH have recommended that crystalline silica be considered a potential occupational carcinogen.

**Reproductive Toxicity** No data available

**Specific target organ Toxicity** No data available

