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	SILICA/QUARTZ	FELDSPAR / PEGMATITE (Crystalline Anhydrous Alkali Aluminium Silicate)	MICA (Layered Potassium Aluminium Silicate)	VERMICULITE (Weathered MICA) (Layered Aluminium-Iron Magnesium Silicate)	TALC (Aluminium Silicate)	TALC (Magnesium Silicate)	TREATED OPACIFIER (Magnesium Silicate)	KAOLIN (Kaolinite Layered Aluminium Silicate)																											
	SILICA is a crystalline Quartz that is mined by underground and open cast methods. After mining, the ore is washed and sorted. Following drying, the ore is further reduced in size and then micronized in a specialised procedure where free-iron and other contaminants are removed.	Microbrite is a milled crystalline anhydrous alkali aluminium silicate. The ore is mined in opencast operations in the Limpopo Province. In a specialised beneficiation procedure, the product is separated, washed, refined and milled to create an end-product which is clean and white, with a low iron content.	Mica is a platelet or lamellar structured mineral, generally described as potassium aluminium phyllosilicate. In a specialised delamination process the native muscovite ore is reduced in size, ensuring that each individual flake achieves an optimal aspect ratio. This property makes mica an excellent functional reinforcing filler and extender.	Vermiculite is the geological name given to a group of hydrated laminar industrial minerals, which are all aluminium-iron magnesium silicates, resembling muscovite (mica) in appearance. When subjected to heat, vermiculite has the unusual characteristic of exfoliating, or "popping up" due to the interlaminar generation of steam.	Supersilk is a soft, inert mineral which occurs typically as a sheet silicate. The Supersilk grades exhibit good purity and chemical stability. These properties render the Supersilk grades an ideal carrier and functional extender.	Talc is a soft, lamellar inert mineral, which occurs typically as magnesium silicate. These Talc grades exhibit excellent purity, whiteness, and chemical stability.	Tioxsil is a super white pigment extender and opacifier for use in paints and polymer systems. It is used as a spacer for Titanium Dioxide.	Kaolin is a Aluminium Silicate. Kaolin is refined and milled to produce a clean, off-white, low iron content end-product. The low oil absorption is a further beneficial feature.																											
	MICROSIL	QUARTZ 300	MQ 1	MQ15	MICROBRITE 2	MICROBRITE 5	MICROBRITE 10	MICROBRITE 15	MICA 8	MICA 30	MICA 40	MICA 60	MICA 325	MICA 80	PL-20	MCF	RSU	PLV-150	MED GRADE EXFOLIATED	PLV-75E	PLV-150E	SUPERSILK	PHARMATALC	SNOWTALC	SNOWTALC ULTRA	TALC SR	TALC B	TALC MBP	TALC RB	TIOXSIL	KAOLIN				
PUTTIES & MASTICS	MS	300	1	5	2	5	10	15			40	60	325	80									SUPERSILK		SN			B							
PLASTIC / ACRYLIC FLOOR TILES		300	1	5	2							60	325										SUPERSILK		SN			B							
TILES, SANITARY WARE, PORCELAIN DECORATIVE	MS	300	1	5	2	5	10	15																					RB		KAOLIN				
MOSAICS	MS	300	1	5	2	5	10	15																											
PAINTS / COATINGS	MS	300	1	5	2	5	10	15	8	30	40	60	325	80	20	MCF	RSU	150	MGE	75E	150E	SUPERSILK		SN	SN-U	SR	B		RB	TIOXSIL	KAOLIN				
RUBBER	MS	300	1	5	2	5	10	15																								KAOLIN			
PLASTICS					2	5	10	15	8														SUPERSILK	SN	SN-U	SR	B	MBP	RB						
ADHESIVES	MS	300	1	5	2	5	10	15	8	30	40	60	325	80									SUPERSILK	SN								KAOLIN			
SOAPS							10	15																PH	SN				RB			KAOLIN			
ABRASIVES	MS	300	1	5	2	5	10	15																											
TILE ADHESIVES / GROUTS			1	5			10	15				60	325			MCF																			
GLASS			1	5				15																											
GYPHUM & CEMENTICIOUS BASED PLASTERS			1	5			10	15																											
FIRE PROOF BOARD MANUFACTURE									8	30	40	60	325	80							MGE	75E	150E												
WELDING ELECTRODES			1	5			10	15				40	60	325																					
FIRE EXTINGUISHERS POWDER (FLUIDIZING AGENT)												60	325												SN	SN-U									
PARA NUTRITIONAL / ANIMAL FEEDS / DIGESTIVE AID																MCF	RSU		MGE	75E	150E					SN	SN-U						KAOLIN		
AGRICULTURE / HORTICULTURE															20	MCF	RSU	150	MGE	75E	150E														
BRAKE / CLUTCH LININGS									8	30	40	60	325	80	20	MCF	RSU	150																	
ACOUSTIC, THERMAL, ELECTRICAL INSULATION									8	30	40	60	325	80							MGE	75E	150E												
CONSTRUCTION																					MGE	75E	150E												
FILLERS & PAPER PROCESSING AID															20	MCF	RSU	150	MGE	75E	150E	SUPERSILK												KAOLIN	
POLISH / WAXES	MS				2																														
SLIP AGENTS																							SUPERSILK		SN	SN-U	SR	B	MBP	RB					
COSMETICS																					75E	150E		PH	SN	SN-U	SR	B	MBP	RB					
PHARMACEUTICALS																								PH	SN	SN-U	SR	B	MBP	RB					
HOME CARE PRODUCTS (ABRASIVE CLEANING DETERGENTS)					2	5	10	15																											
PERSONAL CARE PRODUCTS																									PH	SN	SN-U	SR	B	MBP	RB	TIOXSIL			
OPACIFIER / CALCINED CLAY SUBSTITUTE																																TIOXSIL			
CARRIER FOR HERBICIDE / BIOCIDES / PESTICIDES																MCF	RSU		MGE	75E	150E													KAOLIN	
GLAZES / FRITS	MS	300	1	5	2	5	10	15															SUPERSILK		SN										
REFRACTORY / FOUNDRY																																			
ABSORBENTS (SPILLS)																																			

USED IN THE FOLLOWING AREAS