

PRODUCT NAME: CLEAR GLAZE

1 – II	DENTIFICATI	ON OF MATERIAL AND SUPPLIER	
	SUPPLIER:		
	ADDRESS: TELEPHONE:		
	WEB SITE: E-MAIL:		
		PASLER GLEAR GLAZE PCC-10, PCC-H10	
	USES:	CERAMIC GLAZE	
	DATE: 10 May	2024	
2 – H	AZARDS IDE	NTIFICATION	

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF NOHSC

Each glaze is a mixture of ceramic material containing, water,non-leaded frits, clay and other minerals and color pigments. Contains potential carcinogens: Crystalline silica (quartz) as an inhalation hazard, may be present if unfired, dried glaze is excessively handled and allowed to create dust.

A few pigments may contain small amounts of zirconium encapsulated cadmium and other metals. Other ingredients present have no known acute toxicity.

GHS LABEL ELEMENTS:

HAZARD STATEMENTS: None allocated

PRECAUTIONARY None allocated

STATEMENTS:

NOT CLASSIFIED AS DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE

UN NUMBER: None allocated PACKING GROUP: None allocated SUBSIDURARY RISK: None allocated HAZCHEM CODE: None allocated

3 - COMPOSITION / INFORMATION ON INGREDIENTS

ENTITY	CAS NO	CLASSIFICATION	%
SILICA	14808-60-7	STOT RE 2 H373; STOT RE 1	0-13.4%
		H372; Carc. 1A H350	
POTASH FELDSPAR	68476-25-5	Eye lrrit.2319, STOT SE 3	<5%
		H335	

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ZIRCONIUM SILICATE 10101-52-7 Eye Irrit. 2 H319, Skin Irrit. 2 0-9%

H315

KAKOLIN 1332-58-7 SKkin lrrit. 2 H315: Eye lrrit. 2 <3%

H319: STOT RE2 H373

4 – FIRST AID MEASURES

EYE: May cause irritation. Flush eyes with large quantities of water for at least 15

minutes. If irritation persists after washing, contact a doctor.

INHALED: May cause irritation. Remove from exposure.

SKIN: May cause irritation. Wash skin with soap and water.

SWALLOWED: Contact a doctor. Do not induce vomiting.

ADVICE TO DOCTOR: Treat symptomatically.

5 – FIRE FIGHTING MEASURES

FLAMMABILITY: Non Flammable.

FIRE & EXPLOSION: No fire or explosion hazard exists.

EXTINGUISHING: Use an extinguishing agent suitable for the surrounding fire.

HAZCHEM CODE: None allocated.

6 – ACCIDENTAL RELEASE MEASURES

SPILLAGE: N/A

7 – STORAGE AND HANDLING

STORAGE: Store in a cool, dry, well ventilated area, removed from oxidizing agents,

acids and foodstuffs.

HANDLING: Before using carefully read the product label. Use of safe practices is

recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating,

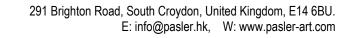
drinking and smoking in contaminated areas.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE STANDARDS:

INGREDIENT	TWA		STEL		ACGIH TLV	
	ppm	mg/m^3	ppm	mg/m^3	ppm	mg/m^3
CADMIUM COMPOUNDS (as Cd)		0.01				
KAOLIN	_	10	_	_	_	3

^{*} The remaining ingredients are not listed as they are either not classified as hazardous or fall below GHS cut off levels.





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CALCINED ALUMINA - - - 1 SILICA - 0.1 - - 0.1

Remaining main glaze ingredients do not have formal Exposure Limits. Some pigments contain metals that have exposure limits (eg Co, Cr, Mn) but are used in low levels. These glazes are non-hazardous liquid mixtures of ceramic materials containing, water, non-leaded frits, clay, and other minerals and color pigments. These mixtures have no TWA or TLV.

BIOLOGICAL LIMITS: No biological limits allocated.

ENGINEERING CONTROLS: Not required.

PPE

Eye / FaceNot normally needed.HandsNot normally needed.BodyNot normally needed.RespiratoryNot normally needed.

9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Viscous Colored Liquid

 $\begin{array}{ll} \textbf{ODOUR:} & \textbf{Negligible} \\ \textbf{BOILING POINT:} & \textbf{N/A} \\ \textbf{MELTING POINT:} & > 400 ^{\circ} \text{C} \\ \end{array}$

VAPOUR PRESSURE: NOT AVAILABLE SPECIFIC GRAVITY: 1.2-1.45@25oC

FLASH POINT: N/A FLAMMABILITY LIMITS: Non

FLAMMABILITY LIMITS: Non Flammable SOLUBILITY IN WATER: Negligible VISCOSITY: N/A
pH: 7.0-8.5
% VOLATILES 7 - 14%
EVAPORATION RATE N/A
UPPER EXPLOSION LIMIT N/A
LOWER EXPLOSION LIMIT N/A

10 - STABILITY AND REACTIVITY

REACTIVITY: None known.

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: Fumes from firing in kiln. Avoid contact with incompatible substances.

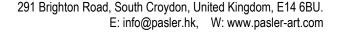
INCOMPATIBLE MATERIAL: None known.

HAZARDOUS DECOMPOSITION: None known.

HAZARDOUS REACTIONS: None known.

11 – TOXICOLOGICAL INFORMATION

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HEALTH HAZARD SUMMARY: Under normal conditions of use, adverse health effects are not anticipated.

Due to the form of the products, an inhalation hazard is not anticipated.

These mixtures contain silica, a known carcinogen. Inhalation is the route of entry into the body that can lead to the development of Silicosis. These water-based, premixed products should be non-toxic during recommended use. Some of the pigments may contain small amounts of various forms of metals (Sn, Mn, Ti, Zr, V, Fe, Co, Cr, Ni, Cd, Pr), some of which are considered carcinogenic. The metals in pigments may be in form of frits, spinel or formed from high temperature calcination that may have a different bioavailability than the metal itself. Silica and pigments in the glaze should

be non-toxic during recommended use.

EYE: Low irritants. Contact may result in irritation, lacrimation and redness.

INHALATION: Exposure considered unlikely. Due to the form of the products and nature of

use, an inhalation hazard is not anticipated with normal use.

SKIN: Low irritants. Prolonged or repeated contact may result in mild irritation.

INGESTION: Low toxicity. Ingestion is considered unlikely due to the form of the

products. However ingestion via hand-mouth transfer may result in gastrointestinal irritation, nausea and vomiting. Maintain good personal

hygiene standards.

TOXICITY DATA: QUARTZ (SILICA CRYSTALLINE) (14808-60-7)

LCLo (inhalation) $300 \,\mu g/m^3/10 \text{ years (human)}$

TCLo (inhalation) 16,000,000 particles/ft³/8 hrs/17.9 years

(human fibrosis)

CADMIUM COMPOUNDS

LC50 (inhalation)

LCLo (inhalation)

LD50 (ingestion)

LD50 (intraperitonial)

LD50 (intravenous)

LDLo (ingestion)

LDLo (subcutaneous)

25 mg/m³/30M (rat)

39 mg/m³/20M (human)

890 mg/kg (mouse)

5700 µg/kg (mouse)

5 mg/kg (rabbit)

70 mg/kg (rabbit)

6 mg/kg (rabbit)

TCLo (inhalation) 88 µg/m3/8.6 years (man)

12 – ECOLOGICAL INFORMATION

ENVIRONMENT: Limited eco-toxicity data was available for these products at the time of this

report. Ensure appropriate measures are taken to prevent these products from

entering the environment.

13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: For small amounts dispose of to an approved landfill site. Contact the

manufacturer for additional information if larger amounts are involved.

LEGISLATION: Dispose of in accordance with relevant local legislation.



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14 – TRANSPORTATION

NOT CLASSIFIED AS DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE.

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG/IMO)	AIR TRANSPORT (IATA/ICAO)
UN NUMBER	None Allocated	None Allocated	None Allocated
PROPER SHIPPING	Water based artist and	Water based artist and	Water based artist and
NAME	hobby ceramic glazes	hobby ceramic glazes	hobby ceramic glazes
DG CLASS / DIVISION	None Allocated	None Allocated	None Allocated
SUBSIDIARY RISKS	None Allocated	None Allocated	None Allocated
PACKING GROUP	None Allocated	None Allocated	None Allocated
HAZCHEM CODE	None Allocated	None Allocated	None Allocated

15 – REGULATORY INFORMATION

INVENTORY LISTINGS: AUSTRALIA:

All components are listed on AICS or are exempt.

USA:

Silica is listed on IARC, OSHA and NTP carcinogen list.

All ingredients are on TSCA inventory.

California Proposition 65 - Proposition 65: Silica (Quartz), Cobalt,

Chromium and Cadmium are listed on the carcinogen list.

CANADA:

All ingredients are on DSL inventory.

WHMIS – Not controlled.

EUROPE:

All ingredients are on EC inventory.

CHEMICAL SAFETY ASSESSMENT: USA:

Conforms to ASTM D 4236 This material has been evaluated under the provisions of LHAMA (Labeling of Hazardous Art Material Act). This product is judged to be non-toxic and non-flammable under proposed use conditions. No special warning is required under the provisions of LHAMA

or California Proposition 65 during use.

EU:

Does not require a hazardous warning label according to the EU

guidelines/Dangerous Chemicals Ordinance.

16 – OTHER INFORMATION

ADDITIONAL INFORMATION: PERSONAL PROTECTIVE EQUIPMENT GUIDLEINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment made.

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End of SDS

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