

SAFETY DATA SHEET

Product Name: Kiln Wash / Shelf Primer

Bullseye Glass Co., 3522 S.E. 21st, Portland, OR 97202

Emergency Phone: 1-503-232-8887

1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Trade Name: Kiln Wash / Shelf Primer

Chemical Formula: $\text{Al}_2\text{O}_3 \cdot 3\text{H}_2\text{O}$ $\text{Al}_2\text{Si}_2\text{O}_5(\text{OH})_4$

Chemical Names: Aluminum Trihydroxide/Kaolin/Trade Secret

Synonyms: Alumina Hydrate, Alumina Hydrated, Alumina Trihydrate, Aluminum Hydrate, Aluminum Oxide Hydrate(containing non-fibrous aluminas), Aluminum Oxide Trihydrate, Aluminum Trihydrate, Hydrated Alumina.

Kaolinite, Kaolin Clay, Hydrous Aluminum Silicate.

Silica, Quartz, Silicon Dioxide.

Manufacturer: Bullseye Glass Co.: 3722 S.E. 21st; Portland, OR, 97202

Emergency Phones: DAY 1-503-232-8887 NIGHT 1-503-231-5266

2. HAZARD(S) IDENTIFICATION



3. HAZARDOUS INGREDIENTS

<u>COMPONENT</u>	<u>CAS No.</u>	Typical %	EXPOSURE LIMITS (TWA in mg/m ³ unless noted)	
		<u>by Weight</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
*Aluminum Trihydroxide 10(respirable) (non-fibrous)	21645-51-2	>50	10 (total)	15(total dust),
Kaolin	1332-58-7	>20	3.95 (total)	1.52 (respirable)
Silica	14808-60-7	>10	3.95 (total)	1.52 (respirable)
+Trade Secret	N/A	<10	N/A	N/A

* See Section 9

+ Not an OSHA Hazardous Substance per 29 CFR 1910.1200

4. HEALTH HAZARD DATA - EMERGENCY/FIRST AID PROCEDURES

INHALATION: Move to fresh air, consult physician as necessary.

INGESTION: If swallowed, dilute by drinking large amounts of water (never give anything by mouth to a convulsing or unconscious person.). DO NOT INDUCE VOMITING. Consult a physician.

EYES: Flush with water for at least 15 minutes, consult physician as necessary.

SKIN: Wash with soap and water for at least 15 minutes.

5. FIRE and EXPLOSION DATA

FLAMMABLE PROPERTIES: Nonflammable & Nonexplosive

AUTO-IGNITION TEMPERATURE: None

EXTINGUISHING MEDIA: Use extinguishing agent applicable to surrounding fire and appropriate for materials fueling the fire.

FIRE FIGHTING INSTRUCTIONS: Firefighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing when appropriate.

6. ACCIDENTAL RELEASE MEASURES

SMALL / LARGE SPILL: Clean up using dry procedures; avoid dusting.

7. HANDLING AND STORAGE

HANDLING: Avoid dusting and contact with eyes and skin. Avoid inhaling dust.

STORAGE: Keep material dry.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSH-approved respiratory protection if potential for over exposure exists.

VENTILATION: Have adequate ventilation.

EYE PROTECTION: Safety glasses recommended to avoid direct eye contact.

SKIN PROTECTION: Wear appropriate gloves to avoid direct skin contact.

9. PHYSICAL and CHEMICAL DATA

APPEARANCE & ODOR: Lt. Red Powder, Odorless

BOILING POINT (F): N/A

SOLUBILITY IN WATER: Moderate

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

SPECIFIC GRAVITY: 2.56

PERCENT VOLATILE: NIL

MELTING POINT: 1740 - 1785 C

EVAPORATION RATE: N/A

10. STABILITY & REACTIVITY

HAZARDOUS COMBUSTION PRODUCTS: None

PRODUCTS OF DECOMPOSITION: (>392 F) Alumina & water

11. HEALTH HAZARD DATA - HAZARD BY ROUTES OF EXPOSURE

INHALATION: Repeated, prolonged inhalation of dust may cause respiratory tract irritation of delayed lung injury (silicosis).

INGESTION: May cause mild irritation and gastrointestinal discomfort.

EYE: Direct contact with eyes can cause irritation, especially when wet.

SKIN CONTACT/ABSORPTION: Direct contact with skin may cause irritation.

SIGNS & SYMPTOMS ASSOCIATED WITH EXPOSURE OVER TLV:

Short Term: None.

Long Term: May cause silicosis, a chronic disease of the lungs marked by acute fibrosis.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED: Asthma, chronic lung disease and skin rashes.

ANY OF PART 1 LISTED AS CARCINOGENS? (NTP,IARC,OSHA): None.

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

DISPOSAL: Collect in containers, bags or covered dumpster boxes, material may be disposed of at an industrial secure landfill.

14. TRANSPORTATION INFORMATION

U.S.A. DOT: Not Regulated.

CANADIAN TDG HAZARD CLASS & PIN: Not regulated.

15. REGULATORY INFORMATION

For TSCA inventory reporting purposes, CAS No. 1344-28-1 was assigned for all forms of aluminum oxide instead of CAS No.21645-51-2 as indicated in Section 2.

U.S. FEDERAL REGULATIONS:

TSCA STATUS: All components for the hydrated aluminas listed on TSCA inventory.

CERCLA HAZARDOUS SUBSTANCES: None

SARA TITLE III:

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazardous Categories: None

Section 313 Toxic Chemicals: None

In reference to Title VI of the Clean Air Act of 1990, this material does not contain nor was it manufactured using ozone-depleting chemicals.

16. OTHER INFORMATION

MSDS CREATED: February 2000

UPDATED: June 2020

PREPARED BY: Bullseye Glass Co.
GHS Format

Information herein is given in good faith as authoritative and valid; however, no warranty, express or implied, can be made.

