SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: Dry Clay

COPY

PRODUCT USE: Glaze Ingredient

PRODUCT IDENTIFICATION NUMBER (PIN): Alberta Slip

Supplier's Name: Archie Bray Foundation

Address: 2915 Country Club Avenue
City: Helena
Province: Montana, U.S.A.
Postal Code: 59601
Phone: (406) 442-2521

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS | % | CAS NUMBER | LC_{50} OF INGREDIENT | LC_{50} OF INGREDIENT |
--- | --- | --- | --- | --- |
*FREE SILICA (QUARTZ) (Respirable) | 15-20 | 14608-60-7 | NOT AVAILABLE | NOT AVAILABLE |

SEE ATTACHED: None

NOTES: *FREE SILICA IS NOT HAZARDOUS IN MOIST FORM. ONLY A HAZARD IF CLAY IS DRY AND DUST IS GENERATED.

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: SOLID

ODOUR AND APPEARANCE: Dark Grey Powder.

PHYSICAL PROPERTIES NOT APPLICABLE:
Odour Threshold, Vapour Pressure & Density, Evaporation Rate, Boiling Point, Freezing Point, pH, Specific Gravity, Coeff. Water/Oil Dist.

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY: YES ☐ NO ☑
CONSIDER DUST AS NON-FIammable AND NON-EXPLOSIVE

NON-APPLICABLE DATA:

Means of Extinction, Flashpoint and Method, Autoignition Temperature, Upper Flammable Limit, Lower Flammable Limit, Hazardous Combustion Products, Sensitivity to Impact, Sensitivity to Static Discharge

PRODUCTS OF DECOMPOSITION DURING KILN BURNING:
CARBON MONOXIDE, CARBON DIOXIDE AND POSSIBLE TRACES OF SULFUR DIOXIDE. VENT KILN DURING BURNING.

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY: YES ☐ NO ☑
CONDITIONS OF INSTABILITY: None.

INCOMPATIBILITY WITH OTHER SUBSTANCES:

INCOMPATIBLE SUBSTANCES: None.

REACTIVITY, AND UNDER WHAT CONDITIONS: Inert and Non-Reactive.

HAZARDOUS DECOMPOSITION PRODUCTS: WILL NOT OCCUR.
SECTION 6 - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO PRODUCT
A nuisance dust. See chronic effects

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

LONG TERM EXPOSURE TO RESPIRABLE FREE SILICA IN CONCENTRATIONS HIGHER THAN RECOMMENDED TLV MAY CAUSE LUNG INJURY.

EXPOSURE LIMITS
TLV = 0.1 Mg/M³ RESPIRABLE DUST

IRRITANTRY OF PRODUCT
MECHANICAL IRRITANT ONLY

SYNERGISTIC PRODUCTS
TOBACCO SMOKE MAY INCREASE LUNG DAMAGE

NON APPLICABLE PROPERTIES:
Sensitization, Carcinogenicity, Teratogenicity, Reproductive Toxicity, Mutagenicity

SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (Specify) NOT REQ'D
FOOTWEAR (Specify) NOT REQ'D
ENGINEERING CONTROLS (Specify) LOCAL EXHAUST OR OTHER VENTILATION THAT WILL REDUCE DUST CONCENTRATION TO LESS THAN PERMISSIBLE EXPOSURE LIMITS IS RECOMMENDED

RESPIRATOR (Specify)
APPROVED RESPIRATOR WHERE TLV IS EXCEEDED

CLOTHING (Specify) NOT REQ'D
OTHER (Specify) NONE

EYE (Specify) SAFETY GLASSES FOR COMFORT ONLY

LEAK AND SPILL PROCEDURE
IF CLAY IS MOIST, NO SPECIAL PRECAUTIONS REQUIRED. IF DRY, CLEAN UP AND COLLECT, MINIMIZING EXCESSIVE DUST GENERATION.

WASTE DISPOSAL
BY APPROVED METHOD

HANDLING PROCEDURES AND EQUIPMENT
IF CLAY IS DRY, CONTROLS SHOULD BE USED TO MAINTAIN "FREE" SILICA DUST EXPOSURE LEVELS BELOW TLV.

STORAGE REQUIREMENTS
NO SPECIAL REQUIREMENTS

SPECIFIC MEASURES

SKIN - WASH WITH WATER
EYES - FLUSH WITH RUNNING WATER UNTIL MATERIAL IS REMOVED

SECTION 8 - FIRST AID MEASURES

SECTION 9 - PREPARATION DATA OF MSDS

PREPARED BY: Plainsman Clays Limited
PHONE NUMBER: (403) 527-8535
DATE: May 1, 1989

FURTHER PHYSICAL PROPERTIES AND DESCRIPTIVE LITERATURE AVAILABLE ON REQUEST.