



MATERIAL SAFETY DATA SHEET
CHINA CLAY OR KAOLIN

1 - PRODUCT IDENTIFICATION

PRODUCT NAME: ALUSIL SUPER BRIGHT
CHINA CLAY OR KAOLIN

FORMULA: $Al_2Si_2O_5(OH)_4$

CHEMICAL NAME: ALUMINIUM SILICATE

COMMON SYNONYMS: KAOLINITE, HYDRATED ALUMINIUM SILICATE

PRECAUTIONARY LABELLING

HEALTH - 0 NONE

FLAMMABILITY - 0 NONE

REACTIVITY - 0 NONE

CONTACT - 1 SLIGHT

HAZARD RATINGS ARE 0 TO 4 (0 = NO HAZARD; 4 = EXTREME HAZARD).

LABORATORY PROTECTIVE EQUIPMENT

SAFETY GLASSES; LAB COAT

PRECAUTIONARY LABEL STATEMENTS

2 – COMPOSITION / INGREDIENT

APPEARANCE & ODOUR: FINE WHITE
POWDER. COMPONENT PERCENTAGE TALC 100

3 - HEALTH HAZARD DATA

STABILITY: MATERIAL IS STABLE. HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

MATERIALS TO AVOID: NOT APPLICABLE

STABILITY CONDITION TO AVOID: NOT APPLICABLE HAZARDOUS

DECOMPOSITION PRODUCTS: NOT APPLICABLE

POLYMERIZATION: NOT RELEVANT

4- FIRST AID PROCEDURES

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION FOR ANY BREATHING DIFFICULTY.

INGESTION: IF LARGE AMOUNTS WERE SWALLOWED, GIVE WATER TO DRINK AND GET MEDICAL
ADVICE.

SKIN CONTACT: WASH EXPOSED AREA WITH SOAP AND WATER. GET MEDICAL ADVICE IF IRRITATION
DEVELOPS.



EYE CONTACT: WASH THOROUGHLY WITH RUNNING WATER. GET MEDICAL ADVICE IF IRRITATION DEVELOPS.

5 – FIRE FIGHTING MEASURES

FIRE: NOT CONSIDERED TO BE A FIRE HAZARD.

EXPLOSION: NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

FIRE EXTINGUISHING MEDIA: USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE. SPECIAL INFORMATION: IN THE EVENT OF A FIRE, WEAR FULL PROTECTIVE CLOTHING AND

NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

6 – ACCIDENTAL RELEASE MEASURES

SPILL RELEASE PROCEDURES: WEAR PROTECTIVE EQUIPMENT. CLEAN UP IN MANNER THAT DOESN'T DISPERSE DUST INTO THE AIR.

WASTE MANAGEMENT: NOT CONSIDERED AS HAZARDOUS WASTE. PLACE WASTE AND SPILLAGE IN CLOSED CONTAINERS. DISPOSE OF IN APPROVED LANDFILL.

7 - STORAGE AND HANDLING PRECAUTIONS

HANDLING PROCEDURES: AVOID GETTING THIS MATERIAL INTO CONTACT WITH YOUR SKIN AND EYES.

STORAGE PROCEDURES: STORE IN A COOL, DRY, WELL-VENTILATED AREA.

8 - PROTECTIVE EQUIPMENT

VENTILATION: USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR DUST LEVELS AS LOW AS POSSIBLE.

RESPIRATORY PROTECTION: A RESPIRATOR WITH DUST/MIST FILTER IS RECOMMENDED. IF AIRBORNE CONCENTRATION EXCEEDS TLV, A SELF-CONTAINED BREATHING APPARATUS IS ADVISED.

EYE/SKIN PROTECTION: SAFETY GLASSES WITH SIDESHIELDS, PROPER GLOVES ARE RECOMMENDED.

9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: WHITE POWDER;

ODORLESS BOILING POINT: NOT APPLICABLE

VAPOUR PRESSURE: NOT APPLICABLE

SPECIFIC GRAVITY: (WATER=1): 2.55

MELTING POINT: 150°C (320°F)

BOILING POINT: NOT DETERMINED

DENSITY: 2.7 G/CM³ AT 20°C

SOLUBILITY IN WATER: INSOLUBLE PH

VALUE: NOT DETERMINED



10 – STABILITY AND REACTIVITY STABILITY:

THE PRODUCT IS STABLE
INSTABILITY TEMPERATURE: NOT AVAILABLE.
CONDITIONS OF INSTABILITY: EXCESS HEAT, DUST GENERATION, INCOMPATIBLE MATERIALS
INCOMPATIBILITY WITH VARIOUS SUBSTANCES: NOT AVAILABLE.
CORROSIVITY: NOT CONSIDERED TO BE CORROSIVE FOR METALS AND GLASS.
POLYMERIZATION: WILL NOT OCCUR.

11 – TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: INHALATION. INGESTION.
TOXICITY TO ANIMALS: NOT AVAILABLE.
CHRONIC EFFECTS ON HUMANS: MAY CAUSE DAMAGE TO THE FOLLOWING ORGANS: LUNGS.
OTHER TOXIC EFFECTS ON HUMANS: SLIGHTLY HAZARDOUS IN CASE OF SKIN CONTACT (IRRITANT),
OF INGESTION, OF INHALATION.

12 – ECOLOGICAL INFORMATION

ECOTOXICITY:
A: GENERAL PRODUCT INFORMATION: THIS MATERIAL IS NOT EXPECTED TO BE HARMFUL TO
AQUATIC LIFE.



B: COMPONENT ANALYSIS - ECOTOXICITY - AQUATIC TOXICITY: NO ECOTOXICITY DATA ARE AVAILABLE FOR THIS PRODUCT'S COMPONENTS.
ENVIRONMENTAL FATE: THIS MATERIAL SHOWS NO BIOACCUMULATION OR FOOD CHAIN CONCENTRATION TOXICITY POTENTIAL.

13 – DISPOSAL CONSIDERATIONS

WHATEVER CANNOT BE SAVED FOR RECOVERY OR RECYCLING SHOULD BE MANAGED IN AN APPROPRIATE AND APPROVED WASTE DISPOSAL FACILITY. PROCESSING, USE OR CONTAMINATION OF THIS PRODUCT MAY CHANGE THE WASTE MANAGEMENT OPTIONS. STATE AND LOCAL DISPOSAL REGULATIONS MAY DIFFER FROM FEDERAL DISPOSAL REGULATIONS. DISPOSE OF CONTAINER AND UNUSED CONTENTS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REQUIREMENTS.

14 – TRANSPORT INFORMATION

THIS PRODUCT IS NOT REGULATED AS A HAZARDOUS MATERIAL. 15 –

REGULATORY INFORMATION

NO INFORMATION AVAILABLE 16 – OTHER

INFORMATION

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