

METARIAL SAFETY DATA SHEET

COLOR HARDENER

MANUFACTURER:

DBS INSAAT SAN TIC LTD STI
BAGDAT CAD NO 198/1 MALTEPE – ISTANBUL / TURKEY
+90 216 457 80 47

SECTION I. PRODUCT IDENTIFICATION

PRODUCT NAME: COLOR HARDENER (ANY COLOR)

CAS NUMBER: N/A

CHEMICAL NAME: A PORTLAND CEMENT PRODUCT

CHEMICAL FAMILY: N/A

FORMULA: A MIXTURE OF COMPOUNDS

GENERAL ASSISTANCE: DBS LTD +90 216 457 80 47

EMERGENCY ASSISTANCE: DBS LTD +90 216 457 80 47

SECTION II. HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	EXPOSURE LIMITS(TWA' s IN AIR)		
		ACGIH TLV	OSHA PEL	STEL
SILICA QUARTZ	14808-60	0.1 mg/m ³	10 mg/m ³	N/A
NUISANCE DUSTS(CEMENT)	NONE	5 mg/m ³	5 mg/m ³	N/A

SECTION III. PHYSICAL DATA

APPEARANCE/COLOR/ODOR: SANDY POWDER/VARIOUS COLORS/NOT APPRECIABLE

BOILING POINT/RANGE: N/A

SOLUBILITY IN WATER: NEGLIGIBLE

SPECIFIC GRAVITY(H₂O=1): APPROXIMATLY 3

VAPOR DENSITY(AIR=1): N/A

VAPOR PRESSURE(mm Hg): N/A

%, VOLATILE BY VOLUME: N/A

PAINTS, PRESERVATIVES, & SOLVENTS % TLV (UNITS) ALLOYS AND METALLIC COATINGS % TLV (UNITS)

PIGMENTS - N/A BASE METAL - N/A

CATALYST - N/A ALLOYS - N/A

VEHICLE - N/A METALLIC COATINGS - N/A

SOLVENTS - N/A

ADDITIVES - N/A PLUS COATING OR CORE FLUX - N/A

OTHERS - N/A OTHERS - N/A

CHEMICAL NAME CAS NUMBER ACGIH TLV OSHA PEL STEL

SECTION IV. FIRE AND EXPLOSION

FLASH POINT: N/A

FLAMMABLE LIMITS: NOT FLAMMABLE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NOT TESTED

SPECIAL FIREFIGHTING PROCEDURES: USE STANDARD PROCEDURES WITHOUT REGARD TO PRODUCT.

SECTION V. HEALTH HAZARD DATA

ROUTE OF ENTRY: INHALATION

HEALTH HAZARDS(ACUTE AND CHRONIC): PROLONGED EXPOSURE MAY RESULT IN CHRONIC LUNG INJURY. ACUTE SILICOSIS MAY DEVELOP IN SHORT TIME WITH HEAVY EXPOSURE. SILICOSIS CAN BE PROGRESSIVE & MAY CAUSE DEATH.

CARCINOGENICITY: NTP=NO, IARC MONOGRAPHS=YES, OSHA REGULATED=NO

SYMPTOMS OF EXPOSURE

SKIN: DRY, ITCHY, RASH, MAY RESULT FROM PROLONGED UNPROTECTED EXPOSURE

MEDICAL CONDITIONS VULNERABLE TO EXPOSURE: RESPIRATORY LIMITATIONS

EFFECTS OF OVEREXPOSURE: PRODUCT CONTAINS FREE SILICA, REPEATED INHALATION OF RESPIRABLE FREE SILICA DUST

MAY CAUSE DELAYED LUNG INJURY

EMERGENCY AND FIRST AID PROCEDURES

SKIN CONTACT: RINSE FREE OF MATERIAL WASH WITH SOAP AND WATER

EYE CONTACT: DO NOT RUB! FLUSH WITH WATER FOR 15 MINUTES & SEE A PHYSICIAN

INGESTION: DRINK 2 GLASSES OF WATER & GET MEDICAL ATTENTION

INHALATION: REMOVE TO FRESH AIR. IF RESPIRATORY SYMPTOMS PERSIST OR DEVELOP, SEE A DOCTOR

SECTION VI. REACTIVITY DATA

STABILITY: STABLE (UNDER NORMAL CONDITIONS PRODUCT SLOWLY HYDRATES IN A NON HAZARDOUS WAY)

CONDITIONS TO AVOID: NONE

INCOMPATIBILITY: PRODUCT WILL REACT WITH ORGANIC & INORGANIC ACIDS

MATERIALS TO AVOID: STRONG OXIDANTS

HAZARDOUS DECOMPOSITION: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NONE

SECTION VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: COLLECT SPILLED POWDERS & PLACE IN

CONTAINERS. AVOID GENERATION OF DUST.

WASTE DISPOSAL METHODS: DISPOSE IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS FOR

DISPOSAL OF NON HAZARDOUS WASTE.

GENERAL PRECAUTIONS: AVOID DUST, SKIN, & EYE CONTACT. AVOID DUST INHALATION.

SECTION VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: DUST MASK RECOMMENDED, NIOSH OR OSHA APPROVED RESPIRATORS REFER

TO OSHA STANDARDS IN CFR 1910.134

VENTILATION LOCAL: PREFERABLE

MECHANICAL: ACCEPTABLE

PROTECTIVE CLOTHING: PROTECTIVE GLOVES & GOGGLES OR A FACE SHIELD SHOULD BE USED

OTHER PROTECTIVE EQUIPMENT: AN EYE BATH SHOULD BE AVAILABLE.

SECTION IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: GOOD INDUSTRIAL PRACTICE REQUIRES THAT EMPLOYEE EXPOSURE BE MAINTAINED BELOW THE RECOMMENDED TLV AND AS LOW AS POSSIBLE. THIS IS ACHIEVED BY USE OF THE APPROVED RESPIRATORS AT ALL TIMES AND GOOD HYGIENE, NAMELY WASHING OR BATHING AFTER EACH USE AND WASHING CLOTHING AFTER EACH USE AND WASHING CLOTHING AFTER EACH USE.