



E K Industries, Inc.

MATERIAL SAFETY DATA SHEET

PRODUCT: Aminoalkylsilane Slide Treatment Solution

PRODUCT CODE: 1425

Revision Date: 12/03/2007

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Aminoalkylsilane Slide Treatment Solution
PRODUCT CODE(S) 1425
SYNONYMS N/I
CAS NUMBER N/A
CHEMICAL FORMULA N/A
FORMULA WEIGHT N/A
MSDS REVISION DATE 12/03/2007

MANUFACTURER / SUPPLIER

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SECTION 2 HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS

INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Acetone	67-64-1	1000 ppm TWA	500 ppm TWA 750 ppm STEL

SECTION 3 HAZARDS IDENTIFICATION

SIGNAL WORD AND HAZARD STATEMENT

DANGER. EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. CAUSES IRRITATION. HARMFUL IF SWALLOWED OR INHALED.

PRECAUTIONARY MEASURES

Keep away from heat, sparks and flame. Avoid contact with skin, eyes and clothing. Avoid breathing vapor. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE

SKIN CONTACT Causes irritation.

EYE CONTACT Causes severe irritation.

IF INHALED Causes irritation. May cause central nervous system depression.

IF SWALLOWED May cause digestive tract irritation, nausea, vomiting, central nervous system depression. Can enter lungs and cause damage.

CHRONIC May cause permanent brain and nervous system damage.



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MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Skin and respiratory conditions.

TARGET ORGANS N/I

CARCINOGENICITY Not listed by NTP, IARC or OSHA.

SECTION 4 FIRST AID PROCEDURES

SKIN CONTACT Immediately flush with plenty of water for at least 15 minutes while removing contaminated garments. Get medical attention for persistent irritation.

EYE CONTACT Immediately flush with plenty of water for at least 15 minutes, separating eyelids occasionally. Get immediate medical attention.

IF INHALED Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

IF SWALLOWED Do NOT induce vomiting. If vomiting occurs, have person lean forward. Get immediate medical attention.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT (C) -20

LOWER EXPLOSIVE LIMIT (%) 13.2 **UPPER EXPLOSIVE LIMIT (%)** 2.8

AUTOIGNITION TEMPERATURE (C) 465

NFPA HAZARD IDENTIFICATION Health: 1 Flammability: 3 Reactivity: 0 Special Hazards: -

EXTINGUISHING MEDIA Dry chemical, CO₂, Halon, "alcohol foam," water spray.

SPECIAL FIRE FIGHTING PROCEDURES Fire fighters should wear self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS Cool fire-exposed containers with water spray. Vapors may ignite, flash back or explode.

SECTION 6 ACCIDENTIAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED Remove sources of ignition. Absorb with inert material and containerize for disposal.

WASTE DISPOSAL METHOD Dispose in accordance with all local, state and federal regulations.



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SECTION 7 HANDLING, STORAGE AND EXPOSURE CONTROL MEASURES

VENTILATION Local preferred

RESPIRATORY PROTECTION If necessary, approved Organic Vapor respirator.

EYE PROTECTION Chemical splash safety goggles and/or full face shield.

SKIN PROTECTION Impervious gloves, lab coat and impervious apron.

STORAGE Store tightly closed in an approved FLAMMABLE LIQUIDS storage location.

SECTION 8 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Clear, colorless liquid. Ketone odor.

MELTING POINT (C) N/I

BOILING POINT (C) 56

DENSITY / SPECIFIC GRAVITY 0.791

SOLUBILITY IN WATER Miscible

VAPOR PRESSURE (mm Hg) 186

VAPOR DENSITY 2.1

EVAPORATION RATE 7.7

SECTION 9 STABILITY AND REACTIVITY

STABILITY Stable

CONDITIONS TO AVOID Heat, sources of ignition.

MATERIALS TO AVOID Strong acids, bases and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS CO, CO₂

HAZARDOUS POLYMERIZATION Will not occur

DISCLAIMER:

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