

MATERIAL SAFETY DATA SHEET

KEIM Lotexan N



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: KEIM Lotexan N

CHEMICAL FAMILY: Siloxan and solvent solution

PRODUCT USE: Water repellent/ hydrophobic agent

MANUFACTURER:

KEIM Mineral Coatings of America, Inc.
10615 Texland Boulevard, #600
Charlotte, NC 28273
Phone: 1-704-588-4811
Emergency Phone: only in US and Canada
1 800 535 5053 (INFOTRAC)

2. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS: (Also see section 11)

EMERGENCY OVERVIEW: WARNING!

FLAMMABLE LIQUID AND VAPOR.

IRRITANT TO SKIN, EYES AND RESPIRATORY PASSAGES

OVEREXPOSURE MAY CAUSE DIZZINESS AND DROWSINESS.

IF SWALLOWED, MAY CAUSE LUNG DAMAGE DUE TO ASPIRATION.

MAY CAUSE BLOOD AND CENTRAL NERVOUS SYSTEM EFFECTS.

ROUTES OF ENTRY: Skin and eye contact and inhalation.

Appearance: Colorless liquid with a characteristic odor.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

CARCINOGENICITY:

NTP: No, IARC: No, OSHA: No

This material is considered hazardous by the OSHA Hazard Communication Standard. (29CFR1910.1200)

HMIS: Health: 2 Flammability: 1 Reactivity: 0

NFPA: Health: 2 Flammability: 1 Reactivity: 0

MATERIAL SAFETY DATA SHEET

KEIM Lotexan N

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

Component	CAS#	% by wt.
Naphtha (petroleum), hydrodesulfurized, heavy	64742-82-1	50 - <100
1,2,4-trimethylbenzene	95-63-6	<0.5
Solvent naphtha (petroleum), light arom.	64742-95-6	<0.5

4. FIRST AID MEASURES:

SKIN: Wash with soap or mild detergent and large amounts of water. Do not use solvents or thinners. Get medical attention if irritation occurs

EYES: Hold eyes open and flush for several minutes with large amounts of water. Get immediate medical attention.

INGESTION: Do not induce vomiting. Give two glasses of water to dilute stomach contents. Never give anything by mouth to an unconscious person. Get immediate medical attention.

INHALATION: Remove to fresh air. If breathing is difficult administer oxygen. Consult physician if irritation of respiratory passage occurs.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, sand or dry powder.
Do not use strong water jet.

SPECIAL FIRE FIGHTING PROCEDURES: Fight fire from a safe distance due to explosion hazard. Use self-contained breathing apparatus and full protective clothing. In case of fire, the following can be released: Carbon oxides (CO_x) and Silicon dioxide (SiO₂). Dispose of fire debris and contaminated fire fighting water in accordance with regulations.

6. ACCIDENTAL RELEASE MEASURES:

SPILL AND LEAK PROCEDURES: Remove all sources of ignition. Do not inhale fumes. Ensure adequate ventilation. Wear protective clothing. Do not allow product to reach soil, sewage system or any water sources. Avoid contact with skin and eyes. Absorb with non-combustible liquid binding material (sand, diatomaceous earth, acid binders, vermiculite) and place in container for disposal according to local regulations

MATERIAL SAFETY DATA SHEET

KEIM Lotexan N



(see Section 13). Clean affected areas thoroughly. Do not flush with water or aqueous cleansing agents.

7. HANDLING AND STORAGE

HANDLING: Keep away from heat sparks or flame. Fumes can combine with air to form an explosive mixture. Do not smoke when using. Use only in well ventilated areas. Protect against electrostatic charges. Avoid contact with skin, eyes or clothing. Do not breathe vapors. Remove contaminated clothing and wash before re-use.

STORAGE: Store closed containers in cool, dry area away from heat, direct sunlight. Keep in a well-ventilated area. Store away from oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component	CAS#	Exposure limits
1,2,4-trimethylbenzene	95-63-6	25 ppm TWA ACGIH

ENGINEERING CONTROLS: Use local exhaust ventilation. Use in an area with controls and equipment suitable for handling flammable liquids.

RESPIRATORY PROTECTION: For exposure to vapor or mist, or If airborne concentration become irritating, use a NIOSH approved respirator in accordance with OSHA Respirator Protection requirements under 29 CFR 1910.134.

SKIN PROTECTION: Clothing and gloves suitable to avoid skin contact. Use butyl rubber or nitrile rubber gloves; recommended thickness: ≥ 0.5 mm.

EYE PROTECTION: Safety goggles with splash protection.

GENERAL HYGIENIC MEASURES: Immediately remove all soiled and contaminated clothing. Keep away from tobacco products. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work. Do not inhale gases/fumes/aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Colorless liquid
Odor	Characteristic
Flashpoint	109 °F (43°C)
Ignition temperature	392 °F (200°C)
Lower Explosion Limit	0.6 vol.%

MATERIAL SAFETY DATA SHEET

KEIM Lotexan N



Upper Explosion Limit	7.0 vol.%
Boiling Point	>298 °F (>148°C)
Vapor pressure at 20°C	Not determined
Density at 20°C	0.802 g/cm ³
Solubility in Water (20°C)	insoluble
Viscosity, Dynamic	Not determined
Solvent content	93.25%
Solids content	5.0%

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition will release carbon oxides and silicon dioxide.

POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Solvent naphtha: Harmful if swallowed.
Aspiration into lungs after swallowing may cause chemical pneumonitis.
Overexposure may cause effects on blood and central nervous system.
Overexposure may cause dizziness and drowsiness.

Skin: slightly irritant
Eye: Irritating effect
Sensitization: No sensitizing effects known.

12. ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

13. DISPOSAL CONSIDERATIONS

Dispose of or incinerate in accordance with Federal, State or Local regulations.

14. TRANSPORT INFORMATION

MATERIAL SAFETY DATA SHEET

KEIM Lotexan N



DOT SHIPPING NAME: Flammable Liquid N.O.S.
(Aromatic hydrocarbons)
Class 3, UN 1993, Packing group III

IMDG: Flammable Liquid N.O.S.
(Aromatic hydrocarbons)
Class 3, UN 1993, Packing group III

IATA: Flammable Liquid N.O.S.
(Aromatic hydrocarbons)
Class 3, UN 1993, Packing group III

15. REGULATORY INFORMATION

TSCA status: All components of this product are on the TSCA Inventory.

DSL status: All components of this product are on the DSL Inventory.

SARA (section 311/312):

Reactive hazard: no
Pressure hazard: no
Fire hazard: yes
Immediate/acute: yes
Delayed/chronic: yes

SARA Title III:

To the best of our knowledge, this product contains no toxic chemicals which are subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive harm.

Canadian WHMIS: Class B3, D2B

Note: Entries under this section cover only those regulations typically addressed in the MSDS generating process, such as, TSCA, and EPCRA/SARA Title III.

16. OTHER INFORMATION

HAZCOM LABEL: WARNING!

MATERIAL SAFETY DATA SHEET

KEIM Lotexan N



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This MSDS conforms to the American National Standard, ANSI Z400.1-2004.
To the best of our knowledge, the information contained in this MSDS is accurate.
It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

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