

MATERIAL SAFETY DATA SHEET

LoadMax E-9000 Epoxy Floor Covering: PART B

SECTION 1 — MATERIAL IDENTIFICATION

PRODUCT NAME: StaticSmart LoadMax E-9000 ESD- Part B
PRODUCT USE/CLASS: Activator/LoadMax E-9000 ESD
SUPPLIER: Julie Industries, Inc.
355 Middlesex Ave.
Wilmington, MA 01887
www.staticsmart.com
TELEPHONE NUMBER: 978-988-8802
EMERGENCY TELEPHONE NUMBER: 800-424-9300
REVISION DATE: 07/08/2004

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS Number	Weight % Less Than	ACGIH (TLV-TWA)	OSHA (PEL-TWA)
NONYL PHENOL	84852-15 -3	30.0	N.E.	N.E.
DIETHYLENETRIAMINE	111-40-0	20.0	1 PPM	1 PPM
Modified Aliphatic Amine	MIXTURE	15.0	N.E.	N.E.
PHENOL,4,4'-(1-METHYLETHYLIDENE)BIS -	80-05-7	10.0	N.E.	N.E.
Benzyl Alcohol	100-51-6	5.0	N.E.	N.E.

SECTION 3 — HAZARDOUS IDENTIFICATIONS

EMERGENCY OVERVIEW: Harmful if inhaled. Causes eye irritation. Causes skin irritation.

POTENTIAL HEALTH EFFECTS DUE TO OVEREXPOSURE:

EYE CONTACT: Causes eye irritation.

SKIN CONTACT: May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this material. Causes skin irritation. Allergic reactions are possible.

INHALATION: Prolonged or excessive inhalation may cause respiratory tract irritation. High gas, vapor, mist or dust concentrations may be harmful if inhaled.

INGESTION: Substance may be harmful if swallowed.

CHRONIC HAZARDS:

Prolonged or repeated overexposure may cause lung damage. Effects of overexposure may include irritation of the nose and throat, irritation of the digestive tract and signs of nervous system depression (e.g., headache, drowsiness, loss of coordination and fatigue.)

PRIMARY ROUTES OF ENTRY: Skin Contact, Inhalation, Eye Contact.

SECTION 4 — FIRST AID MEASURES

EYE CONTACT: If exposed to fumes or vapors, flush eyes with plenty of water for at least 15 minutes. Get medical attention.

SKIN CONTACT: Wash contaminated clothing and decontaminate footwear before reuse. Remove contaminated clothing. Wash skin with soap and water. Get medical attention.

INGESTION: If swallowed, do not induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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

DO NOT LEAVE VICTIM UNATTENDED.

SECTION 5— FIRE-FIGHTING MEASURES AND FIRE HAZARDS

FLASH POINT(Setaflash): 210° F

LOWER EXPLOSIVE LIMIT: 0.6 %

UPPER EXPLOSIVE LIMIT: 9.0 %

EXTINGUISHING MEDIA: Dry Chemical, Foam, Water Fog.

UNUSUAL FIRE AND EXPLOSION HAZARDS: No Information.

SPECIAL FIRE-FIGHTING PROCEDURES: Evacuate area and fight fire from a safe distance. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion.

SECTION 6 — ACCIDENTAL RELEASE MEASURES (SPILLS OR LEAKS)

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

SECTION 7 — HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling. Use only in a well-ventilated area. Avoid contact with eyes, skin and clothing.

STORAGE: Keep container closed when not in use.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Nitrile or Neoprene gloves may afford adequate skin protection. Use gloves to prevent prolonged skin contact.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

ENGINEERING CONTROLS: Prevent buildup of vapors by opening all doors and windows to achieve cross-ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION ... continued

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY: 0.9501

BOILING RANGE: 205 - 205°F

ODOR: Ammonia Like.

APPEARANCE: Liquid

VAPOR DENSITY: Heavier than air.

Ph: N.E.

FREEZE POINT: N.D.

SOLUBILITY IN WATER: Slightly Soluble

PHYSICAL STATE: Liquid

EVAPORATION RATE: Slower than Ether.

SECTION 10 — STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Avoid temperatures above 120°F.

INCOMPATIBLE MATERIALS: No Information.

HAZARDOUS DECOMPOSITION PRODUCTS: When heated to decomposition it emits acrid smoke and irritating fumes.

HAZARDOUS POLYMERIZATION: No Information.

STABILITY: No Information.

SECTION 11 — TOXICOLOGICAL INFORMATION

Product LD50: N.D.

Product LC50: N.D.

CHEMICAL NAME	LD50	LC50
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NONYL PHENOL

DIETHYLENETRIAMINE

Modified Aliphatic Amine

PHENOL,4,4'-(1-METHYLETHYLIDENE)BIS

Benzyl Alcohol

1230 mg/kg (ORAL, RAT)

1000 PPM (8HR, RAT)

SECTION 12 — ECOLOGICAL INFORMATION

No Information.

SECTION 13 — DISPOSAL CONSIDERATIONS

Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

PROPER WASTE DISPOSAL IS THE RESPONSIBILITY OF THE OWNER OF THE WASTE!

SECTION 14 — TRANSPORTATION INFORMATION

D.O.T.:

PROPER SHIPPING NAME: PAINT RELATED MATERIAL

UN/NA #: UN3066

HAZARD CLASS: 8

PACKING GROUP: III

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SECTION 15 — REGULATORY INFORMATION

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD

SARA Section 313:

Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name

CAS Number

PHENOL,4,4'-(1-METHYLETHYLIDENE)BIS-

80-05-7

Toxic Substances Control Act:

Listed are the substances (if any) contained in this product that are subject to the reporting requirements of TSCA 12(B) if exported from the United States:

Chemical Name

CAS Number

NONYL PHENOL

84852-15-3

U.S. State Regulations: As follows -

New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product.

Chemical Name

CAS Number

Epoxy Polyamine Adduct

MIXTURE

Continued on next page...

SECTION 15 — REGULATORY INFORMATION ... continued

Pennsylvania Right-to-Know:

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS Number</u>
Epoxy Polyamine Adduct	MIXTURE

California Proposition 65:

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

— None Known —

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards:

— None Known —

INTERNATIONAL REGULATIONS: As follows -

CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

CANADIAN WHMIS CLASS: D2B

SECTION 16 — OTHER INFORMATION

HMIS Ratings:

Health: 3

Flammability: 0

Reactivity: 1

Personal Protection: X

VOLATILE ORGANIC COMPOUNDS, g/l:

REASON FOR REVISION:

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.