

MSDS Information

Section 1.

CHEMICAL PRODUCT SECTION

Product Name: STATICIDE® Diamond Polyurethane Floor Coating
 Product Number: # 4700-SS1, #4700-SS5

Manufacturer: ACL Incorporated
 1960 E. Devon Avenue
 Elk Grove Village, IL 60007
 PH: (01) 847.981.9212 [U.S.A.]
 FAX: (01) 847.981.9278 [U.S.A.]

For Chemical Emergency,
 Spill, Leak, Fire Exposure,
 Or Accident Call INFOTRAC
 DAY OR NIGHT (01) 800.535.5053

Section 2.

INFORMATION ON HAZARDOUS INGREDIENTS

CHEMICAL	C.A.S. Number	Weight %
EB Glycol	111-76-2	< 1
M-Pyrol	872-50-4	< 2
DE Glycol	111-90-0	< 1
Alkylamines	121-44-8	< 1
Mineral Spirits	64475-85-0	< 1
Ammonium Hydroxide	1336-21-6	< 1

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	Exposure Limits 8 Hours TWA (PPM)	OSHA PEL	ACGIH TLV	Supplier
M-Pyrol	100	NE	NE	NE

Section 3.

HAZARD IDENTIFICATION

Potential Health Effects:

Inhalation: No specific information available. Contains materials that could cause headaches, nauseous, dizziness and respiratory irritations if inhaled.

Eyes: No specific information available. Contains material that may cause eye injury which may persist for several days.

Skin: No specific information available. Contains materials that may be moderately toxic.

Ingestion: No specific information available. Contains materials that may be slightly toxic.

Chronic Effect Of Overexposure: No specific information available. Contains solvents that are reported to be associated with central nervous system damage after repeated and prolonged use. Contains solvents that may cause injury to liver, kidneys, bone marrows and blood cells after repeated over exposure.

Section 4. FIRST AID MEASURES

Inhalation: In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer CPR and seek medical attention immediately.

Eye Contact: Flush with water for at least 15 minutes, contact a physician if necessary.

Skin Contact: Remove contaminated clothing and wash contact area with soap and water for 15 minutes.

Ingestion: If appreciable quantities are swallowed, seek medical attention.

Section 5. FIRE FIGHTING MEASURES

Flash Point & Method: NA

Flammable Limits: LEL: NA UEL: NA

Autoignition Temperature: NA

General Hazard: Remove all ignition sources.

Fire Fighting Instructions: Fire fighters should wear self contained breathing apparatus and complete personal protective equipment when entering confined where potential for exposure to vapors or products of combustion exists.

Extinguishing Media: Use carbon dioxide or dry chemical for small fires, aqueous foam or water for large fires.

Unusual Fire & Explosion Hazards: Closed containers may rupture (due to buildup of pressure) when exposed to extreme heat.

Section 6. ACCIDENTAL RELEASE MEASURES

Land spill: Dike spill. Absorb with inert material and collect for disposal. Flush area with water. Prevent washing from entering water ways.

Water spill: NA

Section 7. HANDLING AND STORAGE

Handling: Avoid contamination of skin. Wash thoroughly after handling.

Storage Temperatures: Ambient (40° - 90° F).

General: Do not Freeze. Keep away from heat. Fumes produced when heated. Ground containers when transferring from one to another. Do not apply to hot surfaces or use in areas where exposed to electric sparks.

Section 8.	EXPOSURE CONTROL / PERSONAL PROTECTION
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Engineering Controls:

- Local Exhaust ventilation acceptable
- Mechanical ventilation recommended
- Use explosion – proof ventilation equipment.
- Do not use in confined space without mechanical ventilation equipment.

See section 2 for component exposure guidelines.

Personal Protection:

Respirator:

Wear a properly fitted NIOSH/MSHA approved respirator whenever exposure to vapor/mist is likely unless levels are below applicable limits.

Hand Protection:

- Gloves Recommended.
- Solvex Neoprene
- Butyl Buna
- Natural Latex Cotton/Jersey

Eye Protection:

- Safety Glasses with sideshields Chemical Goggles

Other Recommendations:

For operations where contact can occur, a safety shower and eye wash station should be available.

Section 9.	PHYSICAL AND CHEMICAL PROPERTIES
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Boiling Point.....212-301° F	% Volatile.....74.02
% Solids.....26	
Vapor Density (Air=1)...heavier than air	Evaporation Rate...Slower than Butyl
Solubility in Water.....Miscible	Odor..... Mild
Physical State.....Viscous liquid	Appearance:.....Gray

Section 10.	STABILITY AND REACTIVITY
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General: This product is stable under normal storage conditions.

Hazardous Polymerization: Will not occur

Incompatible Materials and Conditions to Avoid: Avoid excessive heat. Contamination with strong acids, bases, amines, or mercaptans can cause polymerization.

Hazardous Decomposition to Products:

Fumes produced when heated. Decomposition may include: Carbon monoxide, carbon dioxide.

Section 11. TOXICOLOGY INFORMATION

Results of Component Toxicity Test Performed:
No information.

Human Experience:
No information.

Section 12. ECOLOGICAL INFORMATION

No information

Section 13. DISPOSAL CONSIDERATIONS

RCRA 40 CFR 261 Classifications:

As packaged, if this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor is listed in Subpart D.

Federal, State, and Local laws governing disposal of material can differ.
Ensure proper disposal compliance with proper authorities before disposal.

Section 14. TRANSPORTATION INFORMATION

U.S. DOT Information

Basic Description: NON HAZARDOUS MATERIAL
Proper Shipping Name: NA
Hazard Class: NA
Packaging Group: NA
UN Number: NA
Limitations: NA

IATA

Proper Shipping Name: NON HAZARDOUS MATERIAL
Hazard Class: NA
Packing Group: NA
UN Number: NA
Limitations: NA

Section 15.	REGULATORY INFORMATION
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United States Federal Regulations:

MSDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.

CERCLA/Superfund, 40 CFR 117. 302:

---None of the chemicals have a reportable quantity---

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:

Section 302 – Extremely hazardous substances (40 CFR 355):

---None of the chemicals are Section 302 hazards ---

Section 311/312 – Material Safety Data Sheet Requirements (40 CFR 370):

- By our hazard evaluation, this product is non-hazardous.
- By our hazard evaluation, this product is hazardous. It should be reported under the following EPA hazard.
 - Immediate (acute) health hazard
 - Delayed (chronic) health hazard
 - Sudden release of pressure hazard
 - Reactive hazard

Section 313 – List of Toxic Chemicals (40CFR 372):

This product contains the following chemicals (at level of 1% or greater) which are found on the 313 list of Toxic Chemicals.

Chemical	C.A.S. NUMBER	WEIGHT %
Alkylamines	121-44-8	<2

Toxic Substance Control Act (TSCA): **All substances are TSCA listed.**

Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D:

Refer to Section 13 for RCRA classification.

Federal Water Pollution Control Act, Clean Water Act, 40 CFR 401.15 (formerly section 307) 40 CFR 116 (formerly section 311)

This product contains no chemicals which are listed

Clean Air Act: No information

STATE REGULATIONS:

For details on your regulatory requirements you should contact the appropriate agency in your state

STATE	CHEMICAL	C.A.S. NUMBER	WEIGHT %
----no information----			

California Proposition 65: **--- This product is not subject to notification requirements---**

INTERNATIONAL REGULATIONS:

Canada WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Europe EINECS Numbers: Alkylamines # 204-469-4

EB Glycol (313) #203-905-0

M-Pyrol # 212-828-1

DE Glycol #203-919-7

Ammonium Hydroxide #215-647-6

Sections 16.	OTHER INFORMATION
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LABEL INFORMATION:

For Shipping Label information refer to section 14

NFPA HAZARD RATING:

(0) Fire (1) Health (0) Reactivity

REVISION DATES, SECTIONS, REVISED BY:

15-FEB-92 Original release date

02-APR-01, Reviewed

22-APR-05 All Sections, mkb

ABBREVIATIONS USED IN THIS DOCUMENT:

NE – Not Established, NA – Not Applicable, NIF – No Information Found

ABRIDGED LIST OF REFERENCES:

Code of Federal Regulations (CFR)

The Sigma-Aldrich Library of Regulatory and Safety Data

Chemical Guide and OSHA Hazardous Communication Standard

The Environmental Protection Agency (www.epa.gov)

American National Standards Institute

To the best of our knowledge, the information contained herein is accurate.

However, neither ACL STATICIDE nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.