

Material Safety Data Sheet**Section 1 CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

Identification: Product Name: STATICIDE® Diamond Polyurethane Floor Coating
 Product Number: # 4700SS-Q, 4700SS-1, 4700SS-5

Recommend use: Static dissipative dark gray paint for concrete floors

Manufacturer: ACL Incorporated
 840 W 49th PL
 Chicago, IL 60609
 PH: (01) 847.981.9212 [U.S.A.]
 FAX: (01) 847.981.9278 [U.S.A.]

Emergency telephone: INFOTRAC: (01) 800.535.5053 (day or night)

Section 2 HAZARDOUS IDENTIFICATION**Classification**

NFPA HAZARD RATING: (0) Fire (1) Health (0) Reactivity

Potential Health Effects:

Inhalation: No specific information available. Contains material 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.

GHS:

Environmental- Not Classified

Section 3 COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL	C.A.S. Number	EC Number	Weight %	Risk Phrases
EB Glycol	111-76-2	203-905-0	< 5	Xn, R20/21/22; Xi, R36/38
M-Pyrol	872-50-4	212-828-1	< 2	Repr. Cat. 2, R61 Xi, R36/37/38
DE Glycol	111-90-0	203-919-7	< 1	
Alkylamines	121-44-8	204-469-4	< 1	F,R11; Xn, R20/21/22 C,R35
Mineral Spirits	64475-85-0		<1	
Ammonium Hydroxide	1336-21-6	215-647-6	<1	C, R34; N, R50
Conductive Carbon Black	1333-86-4		<25	
Titanium Dioxide	13463-67-7			
Proprietary conductive additives	Trade secrets		<5	

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: None

Flammable Limits: LEL: NA UEL: NA Autoignition Temperature: NA

General hazard: Remove all ignition sources.

Fire Fighting Equipment: Fire fighters wear self contained breathing apparatus and complete personal protective equipment when entering confined areas 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.

Section 7	HANDLING AND STORAGE
------------------	-----------------------------

Do not freeze. Keep away from heat. Fumes are 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

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

Storage: Store in a segregated and approved area. Keep container in a cool, well-ventilated area (between 4°C - 40°F / 64°F - 82°F) out of direct sunlight and away from incompatible materials (See STABILITY AND REACTIVITY Section 10). Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Follow all MSD sheet and Label warnings even after container is emptied.

Section 8	EXPOSURE CONTROL / PERSONAL PROTECTION
------------------	---

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Exposure Limits 8 Hours TWA (PPM)

	OSHA PEL	ACGIH TLV
M-Pyrol	100	NE
EB Glycol	50	20 (skin)
DE Glycol	NE	NE
Alkylamines	25	1 (STEL)
Mineral Spirits	500	100
Ammonium Hydroxide	50	35 (STEL)

Engineering Controls: Local Exhaust ventilation acceptable

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

Hand Protection: Neoprene gloves recommended

Eye Protection: 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
------------------	---

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:..... Dark Gray

Section 10	STABILITY AND REACTIVITY
-------------------	---------------------------------

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
-------------------	-------------------------------

M-Pyrol : Oral rat LD50: 3914 mg/kg; Skin rabbit LD50: 8 gm/kg; Investigated as a mutagen, tumorigen and reproductive effector.

EB Glycol: Oral rat LD50: 470 mg/kg; Inhalation rat LC50: 450ppm/4H; Skin rabbit LD50: 220 mg/kg; investigated as a tumorigen, mutagen, reproductive effector. Reproductive Toxicity: Has shown teratogenic effects in laboratory animals.

DE Glycol: LD50 Oral Rat: 5500 mg/kg Investigated as a mutagen, reproductive effector.

Alkylamines: Oral rat LD50: 460 mg/kg; skin rabbit LD50: 570 ul/kg; inhalation mouse LC50: 6 gm/m3; eye irritation, rabbit, standard Draize: 250 mg open, severe; investigated as a mutagen.

Mineral Spirits LD50 Not Available

Ammonium hydroxide: oral rat LD50: 350 mg/kg; eye, rabbit, standard Draize, 250 ug; severe, investigated as a mutagen.

Human Experience: OSHA / NTP / DHHS - This product does not contain chemicals on the 11th Report on Carcinogens (RoC) NIOSH: None of the chemicals are listed on the NIOSH carcinogen list.

Section 12	ECOLOGICAL INFORMATION
-------------------	-------------------------------

No information

Section 13 DISPOSAL CONSIDERATIONS

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: Proper Shipping Name: Non Hazardous Material
Hazard Class: NA

IATA: Proper Shipping Name: NON HAZARDOUS MATERIAL
Hazard Class: NA

Section 15 REGULATORY INFORMATION

US Federal Regulations: MSDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.

CERCLA/Superfund, 40 CFR 117, 302: None of the chemicals are CERCLA hazards

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:
Section 302 – None of the chemicals are extremely hazardous substances (40 CFR 355).

Section 311/312 – Material Safety Data Sheet Requirements (40 CFR 370): By our hazard evaluation, this product is hazardous. It should be reported as an immediate (acute) health hazard.

Section 313 – List of Toxic Chemicals (40CFR 372): This product contains chemicals (at level of 1% or greater) that are found on the 313 list of Toxic Chemicals.: **Alkylamines (CAS 121-44-8)**

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

Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D: Not classified.

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.

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.

All Intentionally present components are listed on the DSL

Sections 16 OTHER INFORMATION**LABEL INFORMATION:**

For Shipping Label information refer to section 14

Product label warnings are as follows (Comparable CHIP Safety & Risk phrases are noted):

- Keep out of the reach of children (S2)

REVISION DATES, SECTIONS, REVISED BY:

16-FEB-92,	Original release date
02-APR-01,	Reviewed
22-APR-05	All Sections, mkb
08-FEB-10	Revised to EU format and address, mkb
18-JUNE-12	Section 3, 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

US Department of Labor; Occupational Safety & Health Administration (www.osha.gov)The Environmental Protection Agency (www.epa.gov)

The Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Government of Canada: <http://canadagazette.gc.ca/news-e.html>

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.