

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Section 1 CHEMICAL PRODUCT and COMPANY IDENTIFICATION

1.1 Identification: Product Name: STATICIDE® Polycoat Floor Coating
Product Number: # 4400MGQ, 4400MG1, 4700MG5

Product description: Static dissipative medium gray paint for concrete floors
Product type: Polyurethane paint, liquid

1.2 Identified uses : Industrial use, professional use.
Not intended for consumer use

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.]

Email of responsible party for SDS: marykay@aclstaticide.com

US/Canada Emergency TEL: INFOTRAC: (01) 800.535.5053 (day or night)
International Emergency TEL: INFOTRAC: 352.323.3500 (day or night)

Section 2 HAZARDOUS IDENTIFICATION

2.1 Classification of the substance or mixture

Product definition: Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Physical: None

Health: Carcinogenicity CAT 2

Environmental: None

2.2 Label Elements

Hazard Pictograms:



Signal Word: Warning

Hazard Statement: H352 Suspected of causing cancer [as nuisance dust]

Precautionary Statements:

Prevention:

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P280 - Wear protective gloves and eye/face protection

Response:

IF EXPOSED OR CONCERNED: Get medical help (P318)

Storage: Store locked up (P405)

Disposal: Dispose of contents in accordance with state and local laws as they vary (P501)

Unknown Acute Toxicity: No data available

2.2 Other Hazards:

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

Section 3	COMPOSITION / INFORMATION ON INGREDIENTS
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CHEMICAL	C.A.S. Number	Weight %	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Titanium dioxide	13463-67-7	5-10	Carc. 2; H351 [as nuisance dust]
Talc	14807-96-6	15-20	Not classified
Conductive Carbon Black	1333-86-4	<1	Carc. 2; H351 [as nuisance dust]
Fiberglass (Fibrous Glass)	65997-17-3	8 – 10	Not classified
Water and other non hazardous products	7732-18-5	>64	

This product does not contain candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Section 4	FIRST AID MEASURES
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4.1. Description of First Aid Measures

Inhalation: Remove to fresh air.

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

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

Ingestion: Clean mouth with water and drink afterwards plenty of water.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Not determined

4.3 Indication of any immediate medical attention and special treatment needed

Note to physician: Treat symptomatically

Section 5	FIRE FIGHTING MEASURES
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5.1 Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: Undetermined

5.2 Special hazards arising from the substance or mixture Hazards from the substance or mixture: Not determined

Hazardous thermal decomposition products: Not determined

5.3 Advice for firefighters

Special protective actions for fire-fighters: Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Special protective equipment for fire-fighters: Undetermined

Section 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Use personal protection recommended in Section 8.

For emergency responders: Use personal protective equipment as required.

6.2 Environmental precautions: See section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Absorb with inert material and then place in suitable container for chemical waste. Rinse area with clean water and dry before permitting traffic.

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 12, Ecological Information.

See Section 13 for additional waste treatment information.

Section 7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Advice on general occupational hygiene: Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities: Store locked up. Keep container tightly closed and store in a cool, dry and well-ventilated place. Store above 4°C (40°F). Keep from freezing. Protect from excessive heat.

7.3 Specific end use(s)

Recommendations: Dissipative floor paint.

Risk Management Methods (RMM): The information required is contained in this Safety Data Sheet.

Section 8 EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Titanium(IV) Oxide 13463-67-7	TWA: 0.2 mg/m ³ nanoscale respirable particulate matter TWA: 2.5 mg/m ³ finescale respirable particulate matter	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³ TWA: 2.4 mg/m ³ CIB 63 fine TWA: 0.3 mg/m ³ CIB 63 ultrafine, including engineered nanoscale
Talc 14807-96-6	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	(vacated) TWA: 2 mg/m ³ respirable dust <1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more; use Quartz limit	IDLH: 1000 mg/m ³ TWA: 2 mg/m ³ containing no Asbestos and <1% Quartz respirable dust
Carbon Black 1333-86-4	TWA: 3 mg/m ³ inhalable particulate matter	TWA: 3.5 mg/m ³ (vacated) TWA: 3.5 mg/m ³	IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH

Fiberglass (Fibrous Glass) 65997-17-3	TWA: 1 fiber/cm ³ respirable fibers: length >5 µm, aspect ratio >=3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination TWA: 5 mg/m ³ inhalable particulate matter		
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DNELs/DMELs: No DNELs/DMELs available.

PNECs: No PNECs available

8.2 Exposure controls

Appropriate engineering controls: Apply technical measures to comply with the occupational exposure limits. Eyewash stations.

Individual protection measures

Hygiene measures: Wash hands before eating, smoking and using the lavatory and at the end of the working period. When using, do not eat or drink. When using, do not smoke.

Eye/face protection: Refer to 29 CFR 1910.133 for eye and face protection regulations.

Hand protection: For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Other skin protection: Suitable protective clothing.

Respiratory protection: Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection. Refer to 29 CFR 1910.134 for respiratory protection requirements.

Section 9	PHYSICAL AND CHEMICAL PROPERTIES
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9.1 Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Gray opaque liquid
Odor	Mild
pH	Not Determined
Melting point/freezing point	Not Determined
Initial boiling point and boiling range	>100 °C / >212 °F
Flash point and method	Not Determined
Evaporation rate	Slower than Butyl (n-Butyl=1)
Flammability (solid, gas, liquid)	Not a flammable liquid
Upper/lower flammability or explosive limits	LEL: Not Determined UEL: Not Determined
Vapor pressure	Not Determined
Vapor density (air=1)	Not Determined
Relative density	Not Determined
Solubility(ies).	Not Determined
Partition coefficient: n-octanol/water	Not Determined
Autoignition temperature	Not Determined
Decomposition temperature	Not Determined
Viscosity	Not Determined
Volatile by weight	Not Determined

9.2 Other safety information

VOC	Zero VOC
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Section 10 STABILITY AND REACTIVITY

- 10.1 Reactivity:** Not reactive under normal conditions.
10.2 Chemical stability: Stable under normal storage conditions.
10.3 Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur. Hazardous reactions are not expected to occur during normal processes.
10.4 Conditions to avoid: Keep out of reach of children. See Sec. 7 Handling & Storage.
10.5 Incompatible Materials: Not Determined
10.6 Hazardous decomposition products: Not Determined

Section 11 TOXICOLOGY INFORMATION

Acute toxicity: Product does not present an acute toxicity hazard based on known or supplied information.

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium(IV) Oxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
Talc 14807-96-6	>5,000 mg/kg (Rat) OECD Test Guideline 423	Mild skin irritation (Human)	-
Carbon Black 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-

Irritation/Corrosion: Not classified.

Sensitization: Not classified.

Mutagenicity: Not classified.

Symptoms related to the physical, chemical and toxicological characteristics

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity: Titanium dioxide, Talc, and carbon black is a possible carcinogen when it appears as a respirable dust.

Chemical name	ACGIH	IARC	NTP	OSHA
Titanium(IV) Oxide 13463-67-7	A3	Group 2B		X
Carbon Black 1333-86-4	A3	Group 2B		X

Reproductive toxicity: Not available

Teratogenicity: Not available

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified.

Aspiration hazard: Not available

Information on the likely routes of exposure: Not available.

Additional Information: Not available.

Information on likely routes of exposure

Inhalation: Do not inhale

Eye Contact: Avoid contact with eyes

Skin Contact: Avoid contact with skin

Ingestion: Do not ingest

Section 12 ECOLOGICAL INFORMATION

12.1 Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Titanium(IV) Oxide 13463-67-7	No data available	LC50 - Pimephales promelas (fathead minnow) - > 1,000 mg/l - 96 h	EC50 - Daphnia magna (Water flea) - > 1,000 mg/l - 48 h
Talc 14807-96-6	No data available	LC50: >100g/L (96h, Brachydanio rerio)	No data available
Carbon Black 1333-86-4	No data available	No data available	5600: 24 h Daphnia magna mg/L EC50

12.2 Persistence and degradability : Not determined.

12.3 Bioaccumulative potential: There is no data for this product.

12.4 Mobility in soil: There is no data for this product.

Soil/water partition coefficient (KOC): Not determined

12.5 Results of PBT and vPvB assessment: Not determined

12.6 Other adverse effects: Not determined.

Section 13	DISPOSAL CONSIDERATIONS
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Waste Treatment Methods

Waste from Residues / Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14	TRANSPORTATION INFORMATION
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	Proper Shipping Name	Hazard Class	UN number	NOTE
US DOT ground	Non Hazardous Material	NA	NA	
US DOT air	Non Hazardous Material	NA	NA	
IATA	Non Hazardous Material	NA	NA	
IMDG	Non Hazardous Material	NA	NA	

Section 15	REGULATORY INFORMATION
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US Federal Regulations: SDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.

SARA Section 302: No reportable chemicals

SARA Section 311/312: Talc 14807-96-6 is classified as a chronic health hazard

SARA Section 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

STATE REGULATIONS:

The following chemicals are specifically listed by individual state; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state

Chemical name	New Jersey	Massachusetts	Pennsylvania
Titanium(IV) Oxide 13463-67-7	X	X	X
Carbon Black 1333-86-4	X	X	X

California Proposition 65

Chemical name	California Proposition 65
Titanium(IV) Oxide - 13463-67-7	Carcinogen
Carbon Black - 1333-86-4	Carcinogen



WARNING: This product can expose you to chemicals including (Titanium (IV) Oxide, CAS#13463-67-7; Carbon Black, CAS#1333-86-4), which are known to the State of California to cause cancer, For more information go to www.P65Warnings.ca.gov.

INTERNATIONAL REGULATIONS:

15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Canada WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. All Intentionally present components are listed on the DSL

European Union: Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 : Not applicable

International Inventories

Component	TSCA	DSL/NDSL	EINECS/ELINCS	PICCS	KECL
Titanium(IV) Oxide 13463-67-7	X	X	x	x	x
Talc 14807-96-6	X	X	x	x	x
Carbon Black 1333-86-4	X	X	x	x	x

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Sections 16	OTHER INFORMATION
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NFPA HAZARD RATING: (0) Fire (1) Health (0) Reactivity

REVISION DATES, SECTIONS, REVISED BY:

06-FEB-23, Original release date, mkb

28-MAR-23 Revised sections 2, 11, and 12, 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>

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