

Safety Data Sheet

Revision Date: 07-29-2015
Product Code: FC7540-16

1. IDENTIFICATION

Product Name	FC URETHANE ALIPHATIC TOPCOAT - BLACK
Product Code	FC7540-16
Document ID	GFC7540-16
Revision Number	1
Prior Version Date	None
Intended Use	Industrial Maintenance Floor Coating
Restrictions On Use	For Industrial Use Only
Chemical Family	Urethane Coating
Chemical Manufacturer / Importer	NEOGARD® - a Division of JONES-BLAIR® Company, LLC 2728 Empire Central Dallas, TX 75235 1-214-353-1600
Emergency Telephone Number:	ChemTrec Center 1-800-424-9300 International: 703-527-3887

2. HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

Hazard Pictograms



GHS Classification	Skin Sensitisation Category 1 Skin Corrosion/Irritation Category 2 Serious Eye Damage/Eye Irritation Category 2 Carcinogenicity Category 2
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Signal Word	Warning
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Hazard Statements	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of causing cancer.
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Precautionary Statements

Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust, fume, mist, vapours or spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, eye protection and face protection. Use personal protective equipment as required.
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Response	IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing and wash before reuse.
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Storage	Store locked up.
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Disposal Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards Not Otherwise Classified (HNOC) Not applicable

Additional Information

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Component</u>	<u>CAS #</u>	<u>%</u>
Castor oil	8001-79-4	15 - 40
Aldimine	54914-37-3	1 - 5
Carbon black	1333-86-4	1 - 5
Crystalline Aluminosilicate	1318-02-1	1 - 5
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	41556-26-7	0.1 - 1
methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	82919-37-7	0.1 - 1

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.
Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin Contact	Wash with soap and water under a drench shower. Remove contaminated clothing, launder immediately, and discard contaminated leather goods. Get medical attention immediately. Thoroughly wash or discard clothing and shoes before reuse.
Ingestion	If swallowed, do not induce vomiting. Get medical attention immediately.
Most Important Acute Symptoms and Effects	Not Available
Most Important Delayed Symptoms and Effects	Not Available
Special treatment needed:	No additional first aid information available

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material. Carbon dioxide Alcohol foam Dry chemical Water spray
Unsuitable Extinguishing Media	No data available
Fire and/or Explosion Hazards	Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.
Hazardous Combustion Products	Carbon dioxide, Carbon monoxide, Nitrogen containing gases
Special Protective Equipment and Precautions for Fire-Fighters	Do not enter fire area without proper protection including self- contained breathing apparatus and full protective equipment. Do not enter fire area without proper protection including self- contained breathing apparatus and full protective equipment.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Follow personal protective equipment recommendations found in Section VIII of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including the material spilled, the quantity of the spill, the area in which the spill occurred. See MSDS sections III, XIII and XV for disposal considerations.

Methods and Material for Containment and Cleaning Up

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Dike with suitable absorbent material. Gather and store in a sealed container pending disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Typically not irritating or harmful, but contact should be avoided. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Do not get in eyes, on skin and clothing. Wash thoroughly after handling.

Conditions for Safe Storage Materials to Avoid/Chemical Incompatibility

Store in a cool dry place. Keep container(s) closed.
Oxidizing agents, Acids, Alkaline earth metals

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

<u>Chemical Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH STEL</u>
Carbon black	3.5 mg/m ³ TWA	3.5 mg/m ³ TWA	

Appropriate Engineering Controls Respiratory Protection

Local exhaust ventilation or other engineering controls may be required when handling or using this product to avoid overexposure. General or local exhaust ventilation is the preferred means of protection. In cases where ventilation is inadequate, respiratory protection may be required to avoid overexposure. Follow respirator manufacturer's directions for respirator use.

Eye Protection

Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.

Skin Protection

Avoid all skin contact by covering as much of the exposed skin area as possible with appropriate clothing to prevent skin contact. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Clothing suitable to prevent skin contact.

General Hygiene Conditions

As with all chemicals, good industrial hygiene practices should be followed when handling this material. Do not get in eyes, on skin and clothing. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State
Color

Liquid
Black

Odor

No data available

Odor Threshold

No data available

pH

No data available

Melting Point/Freezing Point (F/C)

No data available / No data available

Initial Boiling Point and Boiling Range

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Low (F)	No data available
Flash Point (F/C)	201 / 94
Flammability (solid, gas)	No data available
Upper Flammable/Explosive Limit	No data available
Lower Flammable/Explosive Limit	No data available
Vapor Density	No data available
Relative Density	2.400
Solubility in Water	Negligible; 0-1%
Partition coefficient: n-octanol/water	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature:	No data available
Viscosity	99 - 109 KU
Volatiles, % by volume	5.44
Volatiles, % by weight	3.36
Volatile Organic Chemicals (g/L)	
(Regulatory, Calculated)	26.20
(Actual, Calculated)	25.61
Density	11.61 - 11.81 lbs./Gal

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Water contamination. Contamination.
Incompatible Materials	Oxidizing agents, Acids, Alkaline earth metals
Hazardous Decomposition Products	Carbon dioxide, Carbon monoxide, Nitrogen containing gases

11. TOXICOLOGICAL INFORMATION

Routes of Exposure	Skin contact Eye contact Ingestion Inhalation
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Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation	Causes nose and throat irritation. Causes lung irritation.
Inhalation Toxicity	May cause allergic respiratory reaction. Inhalation of high concentrations may be corrosive with symptoms of coughing, burning, ulceration and pain.
Skin Contact	Corrosive to skin tissue. Can cause chemical burns. May cause allergic skin reaction.
Eye Contact	Causes eye irritation.
Ingestion Toxicity	This product may produce corrosive damage to the gastrointestinal tract if it is swallowed.

Long-Term (Chronic) Health Effects

Carcinogenicity	Possible cancer hazard. Contains carbon black which may cause cancer based on animal data. (Risk of cancer depends on duration and level of exposure.)
Skin Contact	Prolonged contact may cause an allergic skin reaction.

Product Toxicology Data

Inhalation Dust/Mist Acute Toxicity Estimate (ATE)	55.78 mg/L
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Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
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Aldimine	Oral LD50 Rat 4150 mg/kg	Dermal LD50 Rat > 5000 mg/kg	
Carbon black	Oral LD50 Rat > 8000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	
Crystalline Aluminosilicate	Oral LD50 Rat > 5110 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat > 3.35 mg/L
Decamethylcyclopentasiloxane	Oral LD50 Rat > 5000 mg/kg		

Carcinogen Information

Chemical Name	IARC Carcinogen	OSHA Carcinogen	NTP Carcinogen
Carbon black	2B		

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available)	No data available
Mobility in soil	No data available

13. DISPOSAL CONSIDERATIONS

Safe Handling of Waste	Refer to other sections of this SDS to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.
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14. TRANSPORT INFORMATION

This section provides basic shipping classification information and does not contain all regulatory transportation details. Refer to all applicable regulations for domestic, international, air, vessel and ground transportation requirements and restrictions.

DOT Basic Description: Paint, Not-Regulated

Marine Pollutant: No

15. REGULATORY INFORMATION

TSCA Status All components of this product are either listed on the TSCA Inventory; or, are not subject to the inventory notification requirements.

Regulated Components

<u>SARA EHS Chemicals</u>	<u>CAS #</u>	<u>%</u>
Not applicable		

CERCLA

Not applicable

SARA 313

Not applicable

SARA 311/312

Health (Acute):	Y
Health (chronic):	Y
Fire (Flammable):	N
Pressure:	N
Reactivity:	N

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U. S. State Regulations:

California Prop 65 Chemicals

Cancer	CAS #	%
Carbon Black	1333-86-4	1 - 5
Reproductive		
Not applicable		

Canadian Regulations:

CEPA DSL: The components of this product ARE listed on the Canadian Domestic Substances List.

WHMIS Hazard Class: D2A E

16. OTHER INFORMATION

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Disclaimer This SDS has been prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada's Controlled Product Regulations (CPR). To the best of our knowledge the information contained herein is accurate. Determination of safe handling, application and use of this material is the responsibility of the end user. This information is furnished without warranty, expressed or implied.