

# SAFETY DATA SHEET

## FCT Companies

Date Printed: 3/2/2021  
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### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT CODE:** DuraSlic SpeedCoat

**PRODUCT TRADE NAME:** DuraSlic SpeedCoat

**COMMON NAMES/SYNONYMS:** DuraSlic SpeedCoat

**CATEGORY:** DuraSlic Coatings

**RECOMMENDED USE:** Ceramic Water-Based Coating, refer to label and technical data sheet

**MANUFACTURER**

Florida CirTech, NanoSlic Division  
1776 Mentor Ave. Cincinnati, Ohio 45212

**24 HR. EMERGENCY TELEPHONE NUMBERS**

800-535-5053

**Emergency Contact:** INFO TRAC

**E-Mail:** customerservice@floridacirtech.com

**Emergency Phone:** 800-535-5053

**Alternate Emergency Phone:** 800-686-6504

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Cloudy White Liquid

**IMMEDIATE CONCERNS:** No need for classification according to GHS criteria for this product.

#### POTENTIAL HEALTH EFFECTS

**EYES:** No particular hazards

**SKIN:** No particular hazards

**INGESTION:** No particular hazards

**INHALATION:** No particular hazards

**UNCLASSIFIED HAZARDS:** Use good industrial practices when handling. Avoid eye, skin, and clothing contact.

**SIGNAL WORD:** No signal word

**Potential Carcinogens as listed by OSHA, IARC, or NTP:** NONE

**OSHA HCS Status** This material is not considered hazardous or corrosive by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**GHS Pictogram:**

#### Hazard Statement(s)

**Code Statement**

**GHS Chapter**

**Category**

#### Precautionary Statement(s)

P102 Keep out of reach of children.

P281 Use personal protective equipment as required.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Common Names	CAS	Weight %age
Ethanol	ethanol	64-17-5	0.00 % - 1.00 %

#### 4. FIRST AID MEASURES

**COMMON SYMPTOMS OF OVEREXPOSURE:** No Applicable data available

**EYES:** Immediately flush with water for at least 15 minutes or until the chemical is removed.

**SKIN:** Wash off immediately with soap and water. If clothing is contaminated, remove and launder before reuse.

**INGESTION:** Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts maybe harmful. This material can get into the lungs during swallowing or vomiting. This may result in lung inflammation and other lung injury. Do not induce vomiting.

**INHALATION:** Breathing small amounts of this material during normal handling is not likely to cause harmful effects. If symptoms develop, move individual away from exposure and into fresh air.

**NOTES TO PHYSICIAN:** Follow usual and customary procedures

**ADDITIONAL INFORMATION:** No Applicable data available

**COMMENTS:** No Applicable data available

#### 5. FIRE FIGHTING MEASURES

**FLASH POINT AND METHOD:** No applicable data available

**FLAMMABLE LIMITS:** LEL : No applicable data available UEL: No applicable data available

**GENERAL HAZARD:** As with any chemical fire, combustion products of unknown toxicity are always possible.

**EXTINGUISHING MEDIA:** Use water spray, alcohol- resistant foam, dry chemical or carbon dioxide.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear self contained breathing apparatus and full fire safety equipment.

**SENSITIVE TO STATIC DISCHARGE:** No applicable data available

**COMMENTS:** None

#### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wipe or scrape up any material. Wash area thoroughly with detergent and water; ventilate adequately with good fresh air movement at floor level.

**LARGE SPILL:** Wipe or scrape up any material. Wash area thoroughly with detergent and water; ventilate adequately with good fresh air movement at floor level.

**EMERGENCY PROCEDURES:** For hazardous waste regulations call 800-424-9346, the RCRA Hotline. Personal precautions, protective equipment and emergency procedures: Evacuate area. Keep upwind of spill. Refer to section 7, Handling, for additional precautionary measures. Only trained and properly protected personnel must be involved in clean-up operations. Ventilate area of leak or spill. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and personal protection.

**GENERAL PROCEDURES:** If possible, stop further leakage of the material. Contain spilled material by diking with non-flammable diking materials.

**RELEASE NOTES:** Collect as much as possible in a clean container for reuse (if not contaminated) or disposal (if contaminated). Prevent from entering into soil, ditches, sewers, waterways and/or ground water. See section 12 Ecological information.

**SPECIAL PROTECTIVE EQUIPMENT:** Isolate area. Use appropriate safety equipment. For additional information, refer to section 8, Exposure Controls and Personal Protection.

**COMMENTS:** See also section 13 for disposal information.

## 7. HANDLING AND STORAGE

**HANDLING:** Use good industrial practices when handling. Avoid eye, skin, and clothing contact. Do not inhale mist or vapors. Do not taste or swallow. Use only with adequate ventilation. Avoid contact with skin and eyes.

**STORAGE:** Keep container closed when not in use. Avoid elevated and freezing temperatures.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL	OSHA STEL	ACGIH TWA	ACGIH STEL
Ethanol	1000ppm		1000ppm	

**ENGINEERING CONTROLS:** Work in well ventilated areas. Do not breathe vapors or mist. Ensure that existing ventilation is sufficient to prevent the circulation and/or accumulation of vapors in the air.

### PERSONAL PROTECTIVE EQUIPMENT:

**EYES AND FACE:** Eye protection such as chemical splash goggles and/or face shield must be worn when possibility exists for eye contact due to splashing or spraying liquid, airborne particles, or vapor.

**SKIN:** Wear nitrile or latex gloves. Wear protective clothing.

**RESPIRATORY:** Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**WORK HYGIENIC PRACTICES:** Discard contaminated gloves after use. Have eye-wash facilities in the immediate vicinity. Work in adequately ventilated area. Do not breathe vapors or mist. Minimize any contact with any chemical.

**COMMENTS:** Eye wash station and safety shower should be available in immediate work area. To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment, in accordance with the OSHA PPE Standard (29 CFR 1910.132), be conducted before using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance Form:** Milky White

**Appearance Color:** Milky White

**Odor:** Mild, Pleasant

**Odor Threshold:** Not Determined

**pH-value @ 68 °F:** 4-5

**Melting point:** No Data

**Boiling Point:** 212F

**Flash Point:** Non Flammable

**Flammability:** no data available

**Ignition temperature:** no data available

**Auto Igniting:** no data available

**Danger of explosion:** no data available

**Explosion Lower Limit:** NE

**Explosion Upper Limit:** NE

**Vapor pressure @ 68 °F:** Not Determined

**Relative Density:** 1.02-1.03

**Vapor Density:** Not Determined

**Evaporation Rate:** Not Determined

**Solubility in Water:** Complete

**Partition coefficient:** no data available

**Dynamic viscosity:** no data available

**Kinematic viscosity:** no data available

**Organic Content %age:** no data available

**Water %age:** 73

**Solids Content %age:** 2.5

**Other Informartion:** no data available

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable

**REACTIVITY:** See sub-sections below.

**POLYMERIZATION:** Hazardous polymerization is not expected to occur under normal temperatures and pressures.

**CONDITIONS TO AVOID:** ignition sources, excess heat, incompatible materials

**POSSIBILITY OF HAZARDOUS REACTIONS:** None expected.

**INCOMPATIBLE MATERIALS:** None

**HAZARDOUS DECOMPOSITION MATERIALS:** None"

## 11. TOXICOLOGICAL INFORMATION

**SKIN:** Prolonged and or repeated skin contact with this product may cause irritation/dermatitis.

**EYES:** Mildly irritating. Symptoms not expected if proper personal protective equipment (safety glasses or goggles) is used while working with this product

**INHALATION:** May be irritating to the respiratory system

**INGESTION:** Ingestion is not expected if proper industrial hygiene practices are followed, including no eating, drinking, or smoking while working with chemicals

### CARCINOGENICITY

**IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

**OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

**DERMAL TOXICITY:** Not Determined

**MUTAGENICITY:** Not Determined

**SENSITIZATION:** Not Determined

**TERATOGENICITY:** Not Determined

**REPRODUCTIVE EFFECTS:** Not Determined

**TARGET ORGAN EFFECTS:** Not Determined

**ADDITIONAL INFORMATION:** no additional information.

## 12. ENVIRONMENTAL INFORMATION

PRODUCT	TEST	DURATION	ORGANISM TYPE	TEST RESULTS
same as SDS name	no data available	no data available	no data available	no data available

**ECOTOXICITY:** Not determined

**BIOACCUMULATION:** Not determined

**PERSISTENCE DEGRADABILITY:** Not determined

**MOBILITY:** Not determined

**ENVIRONMENTAL DATA:** no applicable data available

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA. This product contains phosphates.

**EMPTY CONTAINER:** Empty Container Warning (Where applicable). Empty Containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty containers should be taken for recycling, recovery or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations.

**DISPOSAL INSTRUCTIONS:** The generation of waste should be avoided or minimized wherever possible and should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

**WASTE FROM RESIDUES / UNUSED PRODUCTS:** Dispose of in accordance to Federal, state and local governmental regulations.

**CONTAMINATED PACKAGING:** Dispose of in accordance to Federal, state and local governmental regulations.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Non Hazardous and Not restricted for transport

**TECHNICAL NAME:** Non Hazardous and Not restricted for transport

**PRIMARY HAZARD CLASS/DIVISION:** Non Hazardous and Not restricted for transport

**UN/NA NUMBER:** Non Hazardous and Not restricted for transport

**PACKING GROUP:** Non Hazardous and Not restricted for transport

**NAERG:** N/A

**LABEL:** Non Hazardous and Not restricted for transport

**EMS NO:** Not Applicable

**ADDITIONAL INFO:** IATA: Not Regulated

**IMDG:** Not Regulated

### 15. REGULATORY INFORMATION

#### UNITED STATES

##### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA STATUS:** On the inventory, or in compliance with the inventory

#### US federal regulations

##### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** no applicable data available

**CERCLA Hazardous Substance List (40 CFR 302.4):** NO

##### Superfund amendments and reauthorization act of 1986 (SARA)

**SARA 302 Extremely hazardous substance** NO

**SARA 304 Emergency release notification** no applicable data available

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)** NO

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)** no applicable data available

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**no applicable data available

#### US state regulations

**US. California Proposition 65:** No

**US. New Jersey Worker and Community Right-to-Know Act:** no applicable data available

**US. Massachusetts RTK - Substance List:** No

**US. Pennsylvania RTK - Hazardous Substances:** No

**US. Rhode Island RTK:** no applicable data available

**Inventory Status:**

**Europe REACH:** On the inventory, or in compliance with the inventory

**USA TSCA:** On the inventory, or in compliance with the inventory

**Canada DSL:** On the inventory, or in compliance with the inventory

**Australia AICS:** On the inventory, or in compliance with the inventory

**New Zealand NZIOC:** On the inventory, or in compliance with the inventory

**Japan ENCS:** On the inventory, or in compliance with the inventory

**Korea KECI:** On the inventory, or in compliance with the inventory

**Philippines PICCS:** On the inventory, or in compliance with the inventory

**China IECSC:** On the inventory, or in compliance with the inventory

## 16. OTHER INFORMATION

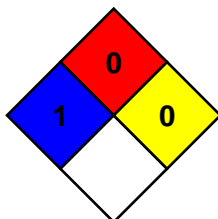
**TITLE:** EHS Management

**PREPARED BY:** FCT EHS and Compliance Dept.

**HEALTH:** 1

**FIRE:** 0

**REACTIVITY:** 0



**MANUFACTURER SUPPLEMENTAL NOTES:** no applicable data available

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### Key or legend to abbreviations and acronyms used in the safety data sheet

ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect
EC	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration

EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50	Lethal Concentration 50%		