

## SAFETY DATA SHEET

### STERI-FLAKE 470 CLEAR TOPCOAT COMPONENT A

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** STERI-FLAKE 470 CLEAR TOPCOAT COMPONENT A

**PRODUCT CODE:** #STFLK470TCA

**PRODUCT USE:** Resin component for hybrid ester coating

**MANUFACTURER**

DUDICK, INC.  
1818 MILLER PARKWAY  
STREETSBORO, OH, 44241  
330-562-1970

**24 HR. EMERGENCY TELEPHONE NUMBER**

**CHEM-TEL (US Transportation):** (800)255-3924

**CHEM-TEL (International Transportation) :** +01-813-248-0585

#### 2. HAZARDS IDENTIFICATION

**CLASSIFICATION:**

Skin Sensitizer - Category 1B

**GHS LABEL ELEMENTS:**



**SIGNAL WORD:** Warning

**HAZARD STATEMENTS:**

H317 May cause an allergic skin reaction.

**PRECAUTIONARY STATEMENTS :**

P261 Avoid breathing vapors/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

#### 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Chemical Name	Weight %	CAS Number
Modified Ester	60% to 70%	PROPRIETARY
Modified Ester	25% to 40%	136210-30-5

No further information available for this product.

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If CAS number is "proprietary", the specific chemical identity has been withheld by the manufacturer as a trade secret.

#### 4. FIRST AID MEASURES

**EYES:** Hold open eyelids and flush with copious amounts of water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical advice/attention.

**SKIN:** Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**INGESTION:** Do not induce vomiting. Rinse mouth out and give plenty of water. Never give anything by mouth to an unconscious person. Consult physician.

**INHALATION:** No volatility. Not expected to be an inhalation hazard.

**NOTES TO PHYSICIAN:** No data available for this product.

#### 5. FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Alcohol resistant foam; Carbon Dioxide (CO<sub>2</sub>); dry chemical; dry sand; use water to keep containers cool.

**UNSUITABLE EXTINGUISHING MEDIA:** Do not use high pressure water jet as this may spread the area of the fire.

**SPECIFIC HAZARDS IN CASE OF FIRE:** Product is not considered a fire hazard, but will burn if ignited. Closed containers may rupture (due to build up in pressure) when exposed to extreme heat.

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTION FOR FIRE FIGHTERS:** Wear self-contained breathing apparatus (SCBA) in positive pressure mode and full protective clothing.

#### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Isolate area. Keep unnecessary and unprotected personnel from entering the area. Use appropriate safety equipment.

**ENVIRONMENTAL PRECAUTIONS:** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

**METHOD AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Contain spilled material if possible. Absorb with materials such as: Sand. Polypropylene fiber products. Polyethylene fiber products. Remove residual with soap and hot water. Collect in suitable and properly labeled containers. Residual can be removed with solvent. Solvents are not recommended for clean-up unless the recommended exposure guidelines and safe handling practices for the specific solvent are followed. Consult appropriate solvent Safety Data Sheet for handling information and exposure guidelines.

#### 7. HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

**CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES:** Do not store near incompatibles (strong oxidizers, acids, alkalis). Keep container tightly closed when not in use to prevent contamination from environmental moisture..

#### 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

##### EXPOSURE LIMITS

Components	CAS	Limits
Modified Ester	PROPRIETARY	None established
Modified Ester	136210-30-5	None established

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**ENGINEERING CONTROLS:** Ventilation:

Use local exhaust ventilation, or other engineering controls to maintain airborne levels requirements or guidelines, general ventilation should be sufficient for most operations.

**PERSONAL PROTECTIVE EQUIPMENT**

**RESPIRATORY PROTECTION:** For most conditions, no respiratory protection should be needed; however, if material is heated or sprayed, use a NIOSH/MHSA approved respirator with organic vapor cartridge. For spray applications or other situations such as high temperature use which may produce inhalation exposures, a supplied-air respirator (either positive pressure or continuous flow-type) is recommended.

**EYES PROTECTION:** Protective goggles.

**SKIN PROTECTION:** Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

Hand protection: Use chemical resistant gloves. Consult glove manufacturer for recommendations.

**WORK HYGIENIC PRACTICES:** Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating. Wash contaminated clothing before reuse.

**OTHER USE PRECAUTIONS:** The type and degree of personal protective equipment will depend on the specific work operation. Eye wash stations and emergency showers should be available. Inspect and replace personal protective equipment at regular intervals; use professional care in their selection, use and care.

**COMMENTS:** None.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Viscous liquid

**COLOR:** Varies

**FLASH POINT AND METHOD:** Not Determined.

**AUTO-IGNITION TEMPERATURE:** Not Determined.

**BOILING POINT/RANGE:** No data available for this product.

**MELTING POINT:** Not Determined.

**VAPOUR PRESSURE:** Not determined.

**VAPOUR DENSITY:** Heavier than air.

**SOLUBILITY:** Slight in water.

**ODOR/THRESHOLD:** Mild, characteristic.

**LOWER / UPPER FLAMMABLE LIMITS:** Not Determined.

**DENSITY:** 1.0564

**EVAPORATION RATE:** Slower than ether.

**PARTITION COEFFICIENT:** Not determined.

**pH:** Not Applicable.

**DECOMPOSITION TEMPERATURE:** Not determined.

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** This product is stable under normal storage conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Will not occur under normal conditions.

**CONDITIONS TO AVOID:** Avoid heat, flame, contaminants. Do not mix with hardener and leave unattended as heat and fumes can result.

**MATERIALS TO AVOID:** Avoid contact with oxidizing materials. Avoid contact with: Acids, Bases. Avoid unintended contact with amines.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None under normal conditions.

Incomplete combustion may generate carbon monoxide, carbon dioxide.

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## 11. TOXICOLOGICAL INFORMATION

### SIGNS AND SYMPTOMS OF OVEREXPOSURE:

#### ACUTE EFFECTS:

**EYE CONTACT:** May cause eye irritation. Corneal injury is unlikely.

**SKIN CONTACT:** Has caused allergic skin reactions in humans. Contains component(s) which have demonstrated the potential for contact allergy in mice.

**INHALATION:** This product is of low volatility and not expected to be a major inhalation hazard.

**INGESTION:** Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

**TARGET ORGAN:** Not classified with regard to specific target organs

**CHRONIC EFFECTS:** No data available for this product.

**TOXICITY VALUES:** No data available for this product.

## 12. ECOLOGICAL INFORMATION

### PERSISTENCE AND DEGRADABILITY:

Not determined.

### BIO-ACCUMULATIVE POTENTIAL:

No data available for this product.

### MOBILITY IN SOIL:

Not determined.

### OTHER ADVERSE EFFECTS:

No data available for this product.

### ECOTOXICOLOGICAL OTHER INFORMATION:

No data available for this product.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of according to local, state, and federal regulations through a licensed disposal facility.

## 14. TRANSPORT INFORMATION

**UN NUMBER:** Not regulated.

**UN PROPER SHIPPING NAME:** Not regulated.

### TRANSPORT HAZARD CLASS:

Not applicable.

### TRANSPORT HAZARD SUBCLASS:

No data available for this product.

**PACKING GROUP:** N/A

### MARINE POLLUTANT Y/N:

No

**SPECIAL PRE-CAUTIONS:** None

## 15. REGULATORY INFORMATION

### U.S. REGULATIONS:

All components of this product are listed on or exempt from the TSCA Inventory.

### U.S. SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

#### 311/312 HAZARD CATEGORIES:

**FIRE:** No

**PRESSURE GENERATING:** No

**REACTIVITY:** No

**ACUTE:** No

**CHRONIC:** No

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### 313 REPORTABLE INGREDIENTS

### 302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** No reportable components

### STATE REGULATIONS:

No components are known to be on the California Proposition 65 list.

### Massachusetts Right To Know Components

<b>Chemical Name</b>	<b>CAS</b>
Modified Ester	PROPRIETARY

**OTHER GOVT. REGULATIONS:** No other information available

## 16. OTHER INFORMATION

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