

## SAFETY DATA SHEET

### STERI-COAT 200 WATER BASED URETHANE COMP. A

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** STERI-COAT 200 WATER BASED URETHANE COMP. A

**PRODUCT CODE:** #STC200A

**PRODUCT USE:** Polyol component of water borne 2 part Urethane top coat.

**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:**

No Hazard classification applies

**GHS LABEL ELEMENTS:**

None Apply

**SIGNAL WORD:** None applies

**HAZARD STATEMENTS:**

No hazard statements apply.

**PRECAUTIONARY STATEMENTS :**

General Precaution:

Observe good industrial hygiene practices.

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

This product contains an amine neutralizing agent which is bound in the matrix of this product as a salt. This amine salt is considered essentially unreactive at room temperature. Generation of amine vapors is expected when this product is processed (heated) during the drying/hardening of the coating.

#### 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 without medical advice.

Rinse mouth out with water.

Consult physician.

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**INHALATION:** If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

**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:** Closed containers may rupture (due to build up in pressure) when exposed to extreme heat.

Burning may produce noxious and toxic fumes. Incomplete combustion may form carbon monoxide.

**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:** Cover spill with inert material (e. g., dry sand or earth) and collect for proper disposal. Wash spill area with soap and water. Ventilate area to remove vapors or dust.

## 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:** Protect from freezing. Store in a cool dry place. Store in original or similar containers.

Storage Temperature

Minimum: 5° C (41° F)

Maximum: 35° C (95° F)

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

### EXPOSURE LIMITS

**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:** Use safety glasses (with side shields) as minimum protection. Goggles recommended for individuals mixing the resin and catalyst.

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

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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:** Liquid

**COLOR:** Varies

**FLASH POINT AND METHOD:** No data available for this product.

**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:** Miscible in water.

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

**LOWER / UPPER FLAMMABLE LIMITS:** No data available for this product.

**DENSITY:** 1.3139

**EVAPORATION RATE:** Slower than ether.

**PARTITION COEFFICIENT:** Not determined.

**pH:** ~7.5

**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:** Protect from freezing.

**MATERIALS TO AVOID:** Water reactives, Acids, strong alkalis, Isocyanates.

**HAZARDOUS DECOMPOSITION PRODUCTS:** By Fire and Thermal Decomposition: Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke, Isocyanate, Isocyanic Acid and other undetermined compounds., Hydrogen cyanide

## 11. TOXICOLOGICAL INFORMATION

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:**

**ACUTE EFFECTS:**

**EYE CONTACT:** Not expected to cause adverse acute health effects.

**SKIN CONTACT:** Not expected to cause adverse acute health effects.

**INHALATION:** Not expected to cause adverse acute health effects.

**INGESTION:** Not expected to cause adverse acute health effects.

**TARGET ORGAN:** Not expected to cause adverse acute health effects.

**CHRONIC EFFECTS:** Chronic: Not expected to cause adverse chronic health effects.

**TOXICITY VALUES:** Not determined

## 12. ECOLOGICAL INFORMATION

**PERSISTENCE AND DEGRADABILITY:**

Not determined.

**BIO-ACCUMULATIVE POTENTIAL:**

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Not determined.

**MOBILITY IN SOIL:**

Not determined.

**OTHER ADVERSE EFFECTS:**

Not known.

**ECOTOXICOLOGICAL OTHER INFORMATION:**

Not determined.

**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:**

Not applicable.

**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

**313 REPORTABLE INGREDIENTS:**

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**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** No data available for this product.

**STATE REGULATIONS:**

The following chemicals are California Proposition 65 reportable:

**Massachusetts Right To Know Components**

Chemical Name	CAS
2,2',2"-Nitriloethanol	102-71-6

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**Pennsylvania Right To Know Components**

<b>Chemical Name</b>	<b>CAS</b>
2,2',2"-Nitriloethanol	102-71-6

**New Jersey Right To Know Components**

<b>Chemical Name</b>	<b>CAS</b>
2,2',2"-Nitriloethanol	102-71-6

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

**16. OTHER INFORMATION**

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