

## SAFETY DATA SHEET

### PROTECTO-COAT PS COMPONENT A

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** PROTECTO-COAT PS COMPONENT A

**PRODUCT CODE:** #PCPS A

**PRODUCT USE:** Curative for hybrid polysulfide/epoxy system.

**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

Skin Irritant - Category 2

Serious Eye Damage/Eye Irritation - Category 2

**GHS LABEL ELEMENTS:**



**SIGNAL WORD:** Warning

**HAZARD STATEMENTS:**

H320 Causes eye irritation.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

**PRECAUTIONARY STATEMENTS :**

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P501 Dispose of contents/container in accordance with local, regional, and federal regulations.

P264 Wash all contacted body parts thoroughly after handling.

P281 Use personal protective equipment as required.

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

<b>DATE PRINTED</b>	5/13/2015
<b>SDS REF. No :</b>	#PCPS A

### 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Chemical Name	Weight %	CAS Number
Benzyl alcohol	10% to 15%	100-51-6
Isophoronediamine	7% to 15%	2855-13-2
2,4,6-Tris(dimethylaminomethyl)phenol	0% to 5%	90-72-2

No further information available for this product.

### 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:** Rinse mouth out with water.  
Consult physician.

Do not induce vomiting. Do not give liquids.

**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:** NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation.

### 5. FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Alcohol resistant foam; Carbon Dioxide (CO<sub>2</sub>); dry chemical; dry sand; limestone powder; 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:** Burning may produce noxious and toxic fumes. Incomplete combustion may generate ammonia gas, toxic nitrogen oxide gasses. carbon monoxide, sulfur oxide, hydrogen sulfide, acetaldehyde, and low molecular weight hydrocarbons. Downwind personnel should be evacuated. 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. Face Shield should be worn.

### 6. ACCIDENTAL RELEASE MEASURES

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

**ENVIRONMENTAL PRECAUTIONS:** Halt the flow of material as soon as practical using appropriate barriers; Prevent contamination of soil and water. Prevent from spreading or entering into drains, ditches, waterways by using sand, earth or appropriate barriers.

**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

<b>DATE PRINTED</b>	5/13/2015
<b>SDS REF. No :</b>	#PCPS A

are followed. Consult appropriate solvent Safety Data Sheet for handling information and exposure guidelines.

## 7. HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Use only in well-ventilated areas. Avoid contact with skin and eyes. Avoid breathing vapors and/or aerosols. Emergency showers and eye wash stations should be readily accessible. Use personal protective equipment. When using, do not eat, drink or smoke.

**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
Benzyl alcohol	100-51-6	WEEL 10 ppm
Isophoronediamine	2855-13-2	None established.
2,4,6-Tris(dimethylaminomethyl)phenol	90-72-2	None established.

**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:** If ventilation is inadequate or if irritation or other symptoms are experienced, wear a NIOSH/MHSA approved respirator with organic vapor cartridge.

**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:** Thick, pasty

**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:** Not determined.

**ODOR/THRESHOLD:** Characteristic mercaptan (sulfurous).

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

<b>DATE PRINTED</b>	5/13/2015
<b>SDS REF. No :</b>	#PCPS A

**DENSITY:** 1.5915  
**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 elevated temperatures and sources of ignition.  
**MATERIALS TO AVOID:** Avoid contact with oxidizing materials. Avoid contact with: Acids, Bases. Avoid unintended contact with amines.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Toxic gases will form upon combustion : carbon monoxide, sulfur oxide, hydrogen sulfide, acetaldehyde, and low molecular weight hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

### **SIGNS AND SYMPTOMS OF OVEREXPOSURE:**

#### **ACUTE EFFECTS:**

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

**SKIN CONTACT:** Prolonged contact may cause skin irritation with local redness. Repeated contact may cause skin irritation with local redness.

**INHALATION:** Inhalation of vapors and/or aerosols in high concentration may cause irritation of respiratory system. Inhalation of aerosol may cause irritation to the upper respiratory tract. May cause nose, throat, and lung irritation. Can cause severe eye, skin and respiratory tract burns.

**INGESTION:** Overexposure may cause nausea, diarrhea, and/or vomiting. Ingestion may cause gastrointestinal tract irritation.

**TARGET ORGAN:** No data available for this product.

**CHRONIC EFFECTS:** Not determined

**TOXICITY VALUES:** Not determined

## 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:**

Not known.

### **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:** Plastic Liquid Material, NOI

**TRANSPORT HAZARD CLASS:**

<b>DATE PRINTED</b>	5/13/2015
<b>SDS REF. No :</b>	#PCPS A

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:** Yes

**CHRONIC:** No

**313 REPORTABLE INGREDIENTS:**

**313 REPORTABLE INGREDIENTS**

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** No reportable components

**STATE REGULATIONS:**

**This product contains a chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.**

Formaldehyde 50-00-0 Trace\*

Cancer Hazard.

Ethylene oxide 75-21-8 Trace\*

Cancer and reproductive Hazard.

\*Trace=present at less than 1ppm.

**Pennsylvania Right To Know Components**

<b>Chemical Name</b>	<b>CAS</b>
Isophoronediamine	2855-13-2
2,4,6-Tris(dimethylaminomethyl)phenol	90-72-2

**New Jersey Right To Know Components**

<b>Chemical Name</b>	<b>CAS</b>
Isophoronediamine	2855-13-2
2,4,6-Tris(dimethylaminomethyl)phenol	90-72-2

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

<b>DATE PRINTED</b>	5/13/2015
<b>SDS REF. No :</b>	#PCPS A

## 16. OTHER INFORMATION

<b>DATE CREATED</b>	05-13-15
---------------------	----------

**MANUFACTURER DISCLAIMER:** The information contained herein is accurate to the best of our knowledge. Dudick, Inc. makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances and with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. The information contained on this MSDS has been compiled from information obtained from raw material suppliers and is believed to be accurate. It is the responsibility of the user to ensure that he/she has all of the current data and MSDS relevant to the material thereon and to comply with all Federal, State and Local Regulations.

CONFIDENTIAL