



**1 - PRODUCT and COMPANY INFORMATION**

**Company Info:** iCOAT Products, Inc. [www.icoatproducts.com](http://www.icoatproducts.com)  
**Company Address:** 1519 W. Grant St. Phoenix, AZ 85007, USA  
**Phone:** (602) 258-1114  
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**CHEMTREC:** For emergencies in the US Call CHEMTREC: (800) 424-9300  
**Canutec:** In Canada, all CANUTEC: (613) 996-6666 (call collect)  
**MSDS Format:** According to ANSI Z400.1-2004

**Product Name:** Countertop Scratch Guard

**HMIS Classification:**     **H**   **F**   **R**   **PP**  
                                  2   2   1    x

**2 - COMPOSITION INFORMATION**

Ingredients	Cas #	ACGIH / TLV	WT %
Trade Secret A-1	Proprietary	1000ppm	23-25
Trade Secret A-2	Proprietary	--	9-10
Ethyl Alcohol	64-17-5	1000ppm	9-10
Tert Butyl Acetate	540-88-5	200 ppm	36-39
Trade Secret B	Proprietary	--	13-16

**3 - HAZARDS IDENTIFICATION**

**Emergency Overview :** Irritant

**Potential Health Effects**  
**Target Organs:** Eye, Skin Contact, Inhalation, Ingestion.

**Eye:** May cause eye irritation  
**Skin:** May cause skin irritation  
**Inhalation:** May cause nose, throat and lung irritation. Possible dizziness or headaches.  
**Ingestion:** Harmful if swallowed, may cause gastrointestinal irritation, nausea and vomiting.  
**Chronic Health Effects:** Contains products listed in IARC Monographs and may cause nose, throat lung and gastrointestinal irritation.

**4 -FIRST AID MEASURES**

**Eye Contact:** Immediately flush eyes with plenty of water for 15 – 20 minutes. Remove contact lenses after 1-2 minutes then continue flushing for at least 15 minutes. Effect may be delayed. If effects occur, consult a physician.

**Skin Contact:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing and laundry before reuse. Do not use organic solvents for cleanup as they may dry or irritate the skin and act as a carrier for chemical absorption. Get medical attention if irritation develops or persists.

**Inhalation:** If aerosol or mists are formed, remove affected person to fresh air. Possible discomfort includes irritation of mucous lining (nose, throat, and eyes), coughing, sneezing and flow of tears. Call a physician immediately if breathing difficulties occur: keep patient half sitting upper body raised.



**Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. If person is conscious and can swallow, immediately rinse mouth out with water, afterwards drink plenty of water of water. Never give anything by mouth to an unconscious person. In case of discomfort, obtain medical attention.

**Notes to Physician:** If substance is swallowed; early endoscopy may be in order to assess mucosa lesions in the esophagus and stomach which may appear. If necessary, aspirate leftover substance.

## **5 - FIRE FIGHTING MEASURES**

**Flash Point:** <93° C  
**Lower Flammable / Explosive Limit:** Not Applicable  
**Upper Flammable / Explosive Limit:** Not Applicable  
**Ignition Temperature – AIT:** Not Applicable  
**Unusual Fire or Explosive Hazards:** Flammable  
**Hazardous Combustion:** Not Available  
**Extinguishing Media:** Water, dry chemical fire extinguishers, foam, or C02  
**Hazardous Fire by Products:** Hazardous fumes (ethanol, phenolics, oxides of carbon and nitrogen) may be evolved upon exposure to heat or open flame

**Protective Equipment:** Wear special chemical protective clothing and positive pressure self-contained breathing apparatus. Approach fire from upwind to avoid hazardous vapors and toxic decomposition products. Decontaminate or discard any clothing that may contain chemical residues. Wear a Self –Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

### **NFPA Ratings:**

NFPA Health: 2  
NFPA Flammability: 2  
NFPA Reactivity: 1

## **6 - ACCIDENTAL RELEASE MEASURES**

**Personnel Precautions:** Use proper personal protective equipment as listed in Section 8.  
**Environmental Precautions:** Prevent entry into sewers and waterways.  
**Spill Cleanup Measures:** Clean up spills immediately. Dike area to prevent spreading. Cover with absorbent material to contain. Use appropriate containers to avoid environmental contamination. Dispose of as a chemical waste in accordance with current local, state and federal regulations.

## **7 - HANDLING and STORAGE**

**Handling:** Use with adequate ventilation. Avoid prolonged breathing vapor and contact with eyes, skin and clothing. Keep away from heat, sparks, flames and other sources of ignition. Wash thoroughly after handling.  
**Storage:** Store in a cool, dry area away from sunlight and heat sources. Avoid storage over 100° F, contamination with incompatible materials. Keep containers closed in a cool, well ventilated place. Protect from moisture. Residual vapors might explode on ignition. Do not apply heat, cut, drill, grind or weld on or near this container.  
**Hygiene Practices:** Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling.

## **8 - EXPOSURE CONTROLS / PERSONAL PROTECTION – EXPOSURE GUIDELINES**

**Engineering Controls:** Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of personal protective equipment.



**Eye/Face Protection:** Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166. Do not wear contact lenses.

**Skin Protection:** Wear butyl-rubber gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

**Respiratory Protection:** Airborne concentrations should be kept to lowest levels possible. If vapor, mist or dust is generated and the occupational exposure limit of the product, or any component of the product, is exceeded, use appropriate NIOSH or MSHA approved air purifying or air supplied respirator for silica dust after determining the airborne concentration of the contaminant. Air supplied respirators should always be worn when airborne concentration of the contaminant or oxygen content is unknown

**Other Protective:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Exposure Guidelines:** Trade Secret A-2:  
 Guideline ACGIH-TLV: 10 ppm  
 Guideline OSHA-PEL: 100 ppm

Ethyl Alcohol:  
 Guideline ACGIH-TLV: 1000 ppm  
 Guideline OSHA-PEL: 1000 ppm

Methyl Acetate:  
 Guideline ACGIH-TLV: 200 ppm  
 Guideline OSHA-PEL: 200 ppm

<u>Ingredients:</u>	<u>Target Organs</u>	<u>Carcinogens : NTP / IARC / OSHA</u>
Trade Secret A-1 Irritant	Liver / Kidney	NO
Trade Secret A-2 Irritant	Liver / Kidney	NO
Ethyl Alcohol	Heart / Liver / Kidney	NO
Methyl Acetate	Heart / Liver / Kidney	NO
Trade Secret B	None	NO

## **9 - PHYSICAL and CHEMICAL PROPERTIES**

**Physical State Appearance:** Liquid  
**Color:** Clear to slightly milky  
**Odor:** Mild Fruity  
**Flash Point:** <93° C  
**Boiling Point:** >90° C  
**Melting Point:** Not Applicable  
**Freezing Point:** Will Not Freeze  
**Specific Gravity (H2O =1):** 1.02  
**Solubility in Water:** Insoluble  
**Vapor Pressure:** 9 hPa @ 20° C  
**Vapor Density:** Heavier than Air  
**VOC Content:** 95 gm/liter

## **10 - STABILITY and REACTIVITY**

**Chemical Stability:** Stable  
**Hazardous Polymerization:** May occur  
**Incompatible Materials:** Avoid contact with oxidizers, alkalis, acids, aliphatic amines, water.  
**Thermal Decomposition:** Decomposition in air may result in ethanol.



## **11 - TOXICOLOGICAL INFORMATION**

**Chronic / Carcinogenicity Effect:** Contains products listed in IARC Monographs  
**Reproductive Effects:** May contain trace amounts of chemicals that cause birth defects in animal studies. No harm was caused to animal or fetus when applied on skin.  
**Carcinogenicity – Ingredients:** Styrene-Butadiene Copolymer listed in IARC Monographs

## **12 - ECOLOGICAL INFORMATION**

**Marine Pollutant**

<b>Aquatic Toxicity:</b>	Not Applicable
<b>Mobility:</b>	Not Applicable
<b>Persistence and Biodegradability:</b>	Not Applicable
<b>Remarks:</b>	None

## **13 - DISPOSAL CONSIDERATIONS**

**Waste Disposal:** This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and / or state and local guidelines.

## **14 - TRANSPORTATION INFORMATION**

**Proper Shipping Name:** Flammable Liquid  
**DOT UN Number:** 1170  
**DOT Hazard Class:** 3

## **15 - REGULATORY INFORMATION**

**Sara Listed Ingredients:** Trade Secret A-1, Trade Secret A-2, Trade Secret B

### **State Right-to-Know**

**California PROP 65:** This product does not contain a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

### **International Regulations:**

**TCSA Inventory Status:** Ethyl Alcohol, Methyl Acetate

## **16 - ADDITIONAL INFORMATION**

**HMIS Health Hazard:** 2  
**HMIS Fire Hazard:** 2  
**HMIS Reactivity:** 1  
**HMIS Personal Protection:** x  
**MSDS Creation Date:** June 01, 2010  
**MSDS Revision Date:** June 2010  
**MSDS Revision Notes:** Formula Update  
**MSDS Author:** iCOAT Products, Inc.



**Disclaimer:**

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