

**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  
**Fax:** (602) 258-1119  
**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:** Webbing Spray  
**Colors Avail:** Black, Gold, Silver and White

**HMIS Classification:**    **H**   **F**   **R**   **PP**  
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**2 - COMPOSITION INFORMATION**

Ingredients	Cas #	OSHA PEL	ACGIH / TLV	WT %
Acetone	67-64-1	1000 ppm	500ppm / 750 ppm STEL	14-15
Dimethyl Ether	115-110-6	Not Available	Not Available	75
Brass Powder	Proprietary	Not Available	Not Available	0-4
Titanium Dioxide	13463-67-7	10 mg/m <sup>3</sup> Dust 5mg/m <sup>3</sup> Respirable	10 mg/m <sup>3</sup> Dust	0-1

**3 - HAZARDS IDENTIFICATION**

**Emergency Overview :** Irritant

**Potential Health Effects**

**Target Organs:** Eye, Skin Contact, Inhalation, Ingestion.

**Eye:** May cause eye irritation

**Skin:** Prolonged or repeated exposure may cause irritation

**Inhalation:** Irritation of upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death. Possible dizziness or headaches.

**Chronic Health Effects:** Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness, itching or burning sensation may indicate eye or excessive skin exposure.

**Medical Conditions Aggravated:** None generally recognized.

**4 -FIRST AID MEASURES**

**Eye Contact:** Immediately flush eyes with plenty of water for 15 – 20 minutes. Remove contact lenses immediately. 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. Get medical attention if irritation develops or persists.

**Inhalation:** If aerosol or mists are formed, remove affected person to fresh air. Call a physician immediately if breathing difficulties occur. Keep warm and quiet.



**Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Obtain medical attention immediately.

## **5 - FIRE FIGHTING MEASURES**

**Flash Point:** Propellant <0° F  
**Lower Flammable / Explosive Limit:** 2.6  
**Upper Flammable / Explosive Limit:** 27.0  
**Ignition Temperature – AIT:** Not Applicable  
**Hazardous Combustion:** Not Available  
**Extinguishing Media:** Dry chemical, foam, or CO2  
Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

**Unusual Fire & Explosion Hazards:** Flammable: Containers may explode when exposed to extreme heat. An application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**Protective Equipment:** Wear 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: 3  
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. Remove all sources of ignition. Ventilate the area.  
**Spill Cleanup Measures:** Clean up spills immediately. Cover with absorbent inert 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. Do not smoke. Wash thoroughly after handling. Extinguish all flames, pilot lights and heaters.  
**Storage:** Store in a cool, dry area away from sunlight and heat sources. Do not puncture, incinerate or expose to temperatures above 120° F. Keep containers closed in a cool, well ventilated place. Consult NFPA Code. Residual vapors might explode on ignition. Do not apply heat, cut, drill, and grind or weld on or near this container. Keep out of reach of children.  
**Hygiene Practices:** Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling. Do not take internally.

## **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. Refer to OSHA standards 1910.94, 1910.107, 1910.108.



**Eye/Face Protection:** Wear appropriate protective glasses or splash goggles with unperforated side shields 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:** None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact wear chemical resistant 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. If sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint or the abrasive.

**Other Protective:** Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

<b>Exposure Guidelines:</b>	<u>Acetone:</u>			
	Guideline ACGIH-TLV:	500 ppm	Vapor Pressure:	180mm
	Guideline ACGIH-TLV:	750 ppm STEL		
	Guideline OSHA-PEL:	1000 ppm		
	<u>Dimethyl Ether:</u>			
	Guideline ACGIH-TLV:	Not Available	Vapor Pressure:	760mm
	Guideline OSHA-PEL:	Not Available		
	<u>Brass Powder:</u>			
	Guideline ACGIH-TLV:	Not Available		
	Guideline OSHA-PEL:	Not Available		
	<u>Titanium Dioxide:</u>			
	Guideline ACGIH-TLV:	10 mg/m3 as Dust		
	Guideline OSHA-PEL:	10 mg/m3 Total Dust		
	Guideline OSHA-PEL:	5 mg/m3 Respirable Fraction		

## 9 - PHYSICAL and CHEMICAL PROPERTIES

<b>Physical State Appearance:</b>	Aerosol Can		
<b>Color:</b>	Clear		
<b>Product Weight:</b>	5.95 lb/gal	712 g/l	
<b>Boiling Point:</b>	< 0-134° F	< 18-56° C	
<b>Melting Point:</b>	Not Available		
<b>Specific Gravity (H2O =1):</b>	0.72		
<b>Solubility in Water:</b>	Not Applicable		
<b>Volatile Volume:</b>	94%		
<b>Evaporation Rate:</b>	Faster than ether		
<b>Vapor Density:</b>	Heavier than air		
<b>pH:</b>	7.0		
<b>VOC Content:</b>	Less water and federally exempt solvents		
<b>Volatile Weight:</b>	75.00%		

## 10 - STABILITY and REACTIVITY

<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	None known
<b>Hazardous Polymerization:</b>	Will not occur
<b>Incompatible Materials:</b>	None known



**Hazardous Decomposition:**

By Fire: Carbon dioxide, carbon monoxide

## **11 - TOXICOLOGICAL INFORMATION**

**Chronic Health Hazards:**

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. IARC's monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

CAS No.	Ingredient Name			
67-64-1	Acetone	LC50 Rat	4hr	Not Available
		LD50 Rat	4hr	5800 mg/kg
115-10-6	Dimethyl Ether	LC50 Rat	4hr	Not Available
		LD50 Rat	4hr	Not Available
13463-67-7	Titanium Dioxide	LC50 Rat	4hr	Not Available
		LD50 Rat	4hr	Not Available
Proprietary	Brass Powder	LC50 Rat	4hr	Not Available
		LD50 Rat	4hr	Not Available

## **12 - ECOLOGICAL INFORMATION**

**Ecotoxicological Information:** Not Available

## **13 - DISPOSAL CONSIDERATIONS**

**Waste Disposal:**

Waste from this product may be hazardous as defined under Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. 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**

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

**US Ground (DOT):**

**Shipping Info:**

May be classed as a Consumer Commodity, ORM-D  
UN1950, Aerosols, Class 2.1, Limited Quantity, (ERG#126)

**Canada (TDG):**

**Shipping Info:**

May be classed as a Consumer Commodity, ORM-D  
UN1950, Aerosols, Class 2.1, Limited Quantity, (ERG#126)

**IMO:**

**Shipping Info:**

May be shipped as limited quantity  
UN1950, Aerosols, Class 2.1, Limited Quantity, (ERG#126)

**IATA/ICAO:**

**Shipping Info:**

UN1950, Aerosols, Class 2.1, Limited Quantity, (ERG#126)



## **15 - REGULATORY INFORMATION**

**Sara 313 (40 CFR 372.65C):**

No ingredients in this product are subject to Supplier Notification.

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

**California PROP 65:**

Warning! This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

### **International Regulations:**

**TCSA Inventory Status:**

All chemicals in this product are listed, or are exempt from listing on the TSCA Inventory.

## **16 - ADDITIONAL INFORMATION**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

<b>HMIS Health Hazard:</b>	2
<b>HMIS Fire Hazard:</b>	3
<b>HMIS Reactivity:</b>	1
<b>HMIS Personal Protection:</b>	x
<b>MSDS Creation Date:</b>	June 01, 2010
<b>MSDS Revision Date:</b>	June 2010
<b>MSDS Revision Notes:</b>	Formula Update
<b>MSDS Author:</b>	iCOAT Products, Inc.

### **Disclaimer:**

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