



# Safety Data Sheet

Issue Date: 14-Feb-2017

Revision Date: 26-Dec-2017

Version 2

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Wonder Lok 'Em Tite Chairs (5 & 20 grams)

### Other means of identification

**SDS #** 170214-1-CA

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Adhesive

**Uses Advised Against** No information available

### Details of the supplier of the safety data sheet

#### Initial Supplier Identifier

THIS SAFETY DATA SHEET  
IS NOT COMPLIANT UNLESS  
CANADIAN ADDRESS IS USED

#### Manufacturer Address

Protective Coatings Co.  
221 S Third St.  
Allentown, PA 18102 USA  
610-432-3543 / 800-220-2103

### Emergency Telephone Number

**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Transparent, colorless liquid **Physical state** Liquid

**Odour** Characteristic

### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitisation	Category 1
Specific target organ toxicity (STOT) — single exposure	Category 3
Flammable Liquids	Category 4

### Label Elements

**Signal word**

**Warning**

**Hazard statements**

Causes skin irritation  
Causes serious eye irritation  
May cause an allergic skin reaction  
May cause respiratory irritation  
Combustible liquid



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
Avoid breathing dust/fume/gas/mist/vapours/spray  
Contaminated work clothing should not be allowed out of the workplace  
Use only outdoors or in a well-ventilated area  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
Keep cool

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention  
IF ON SKIN: Wash with plenty of water and soap  
Take off all contaminated clothing and wash it before reuse  
If skin irritation or rash occurs: Get medical advice/attention  
IF INHALED: Remove person to fresh air and keep comfortable for breathing  
Call a POISON CENTRE or doctor if you feel unwell  
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed  
Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Mixture**

Chemical Name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Ethyl cyanoacrylate	7085-85-0	80	-	-
Polymer	9011-14-7	20	-	-

### 4. FIRST AID MEASURES

**First Aid Measures**

<b>General advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye contact</b>	Flush with large amounts of water for 15 minutes. Lift the upper and lower eyelid to ensure complete flushing of the eye(s). Remove contact lens, if worn. Get medical advice / attention.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation or rash occurs: Get medical advice/attention.
<b>Inhalation</b>	Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

**Most important symptoms and effects**

<b>Symptoms</b>	May cause eye, skin and respiratory tract irritation. May cause an allergic skin reaction. May be harmful in contact with skin.
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**Indication of any immediate medical attention and special treatment needed**

<b>Note to doctors</b>	Treat symptomatically.
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### 5. FIREFIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Carbon dioxide, foam, dry chemical.
<b>Unsuitable extinguishing media</b>	Water.
<b>Specific hazards arising from the chemical</b>	This product is combustible. Product polymerized to solid by water.
<b>Hazardous Combustion Products</b>	Carbon oxides.

**Explosion Data**

<b>Sensitivity to Mechanical Impact</b>	No.
<b>Sensitivity to Static Discharge</b>	Yes.

**Special protective equipment for fire-fighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation. Use personal protective equipment as required.

### Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so. Contain and soak up with inert absorbent material.

**Methods for cleaning up** Use clean non-sparking tools to collect absorbed material. Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS. Polymerize with water. Solid material may be scraped from surface.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only with adequate ventilation. Avoid contact with skin, eyes or clothing. Contaminated work clothing must not be allowed out of the workplace. Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Ideal storage: 41-50°F (5-10°C). Self life is 365 days.

**Incompatible materials** Polymerized by contacts water, alcohols, amines or alkalis

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Limits

Chemical Name	Canada - Alberta - Occupational Exposure Limits - Ceilings	Canada - British Columbia - Occupational Exposure Limits - Ceilings	Canada - Ontario - Occupational Exposure Limits - Ceilings	Quebec
Ethyl cyanoacrylate 7085-85-0	TWA: 0.2 ppm TWA: 1 mg/m <sup>3</sup>	TWA: 0.2 ppm	TWA: 0.2 ppm	

**Appropriate engineering controls**

**Engineering controls** Apply technical measures to comply with the occupational exposure limits. Maintain eye wash fountain and quick-drench facilities in work area. Use only outdoors or in a well-ventilated area.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Use safety glasses or goggles.

**Skin and body protection** Wear protective nitrile rubber gloves. Do not use cotton, PVC or wool.

**Respiratory protection** Use in well ventilated areas. If engineering controls do not keep airborne concentrations below acceptable levels, wear a NIOSH-approved respirator.

**General hygiene considerations** Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state** Liquid  
**Appearance** Transparent, colorless liquid  
**Colour** Clear, Blue Pink  
**Odour** Characteristic  
**Odour Threshold** 1 ppm

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	Not applicable	
<b>Melting Point/Freezing Point</b>	Not determined	
<b>Boiling Point/Boiling Range</b>	> 149 °C / 300 °F	
<b>Flash Point</b>	80-93.4 °C / 176-200 °F	Tag Closed Cup
<b>Evaporation Rate</b>	Not determined	
<b>Flammability (Solid, Gas)</b>	Not determined	
<b>Flammability Limits in Air</b>		
<b>Upper Flammability Limits</b>	Not determined	
<b>Lower Flammability Limit</b>	Not determined	
<b>Vapour Pressure</b>	< 0.2 mmHg	
<b>Vapour Density</b>	Not available	
<b>Relative Density</b>	1.04 g/mL at 25°C	
<b>Water Solubility</b>	Insoluble in water	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Auto-ignition Temperature</b>	485 °C / 905 °F	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	2-10 centipoise	@ 22°C
<b>Explosive properties</b>	No information available.	
<b>Oxidising properties</b>	No information available.	

**Other Information**

**Softening Point** No information available  
**Molecular weight** No information available  
**VOC Content (%)** < 20.00 g/L Per SCAQMD Method 316B

**Density** No information available  
**Bulk Density** No information available

**10. STABILITY AND REACTIVITY**

**Reactivity** Not reactive under normal conditions.  
**Chemical Stability** Stable under normal conditions.  
**Possibility of Hazardous Reactions** None under normal processing.  
**Hazardous Polymerisation** Polymerisation can occur.  
**Conditions to Avoid** Incompatible Materials. Avoid moisture. Avoid temperatures above 176° F (80° C).  
**Incompatible Materials** Polymerized by contacts water, alcohols, amines or alkalis.  
**Hazardous Decomposition Products** None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure

**Product Information**

**Eye contact** Causes serious eye irritation.  
**Skin contact** Causes skin irritation. May cause an allergic skin reaction. May be harmful in contact with skin.  
**Inhalation** May cause respiratory irritation.  
**Ingestion** Ingestion may cause irritation to mucous membranes.

Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

Numerical measures of toxicity

**Acute Toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

**ATEmix (oral)** >5,000 mg/kg  
**ATEmix (dermal)** >2,000 mg/kg

**Unknown acute toxicity** No information available

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl cyanoacrylate 7085-85-0	> 5 mL/kg ( Rat ) > 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	< 21.1 mg/L ( Rat ) 1 h

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Respiratory or skin sensitisation** May cause an allergic skin reaction.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Polymer 9011-14-7	-	Group 3	-	-

**Legend**

**IARC (International Agency for Research on Cancer)**  
Group 3 - Not Classifiable as to Carcinogenicity in Humans

**STOT - single exposure** May cause respiratory irritation.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

**Persistence/Degradability** No information available.

**Bioaccumulation** No information available.

**Other Adverse Effects** No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances

**DOT** Not regulated (If shipped in NON BULK packaging by ground transport)

**TDG** Not regulated

**IATA**

**UN/ID No** UN3334  
**Proper Shipping Name** Aviation regulated liquid, n.o.s. (2-Ethyl cyanoacrylate)  
**Hazard Class** 9  
**Subsidiary Hazard Class** III

**IMDG** Not regulated

**15. REGULATORY INFORMATION**

**REGULATORY INFORMATION**

**International Regulations**

**Ozone-depleting substances (ODS)** Not applicable

**Persistent Organic Pollutants** Not applicable

**Export Notification requirements** Not applicable

**International Inventories**

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Ethyl cyanoacrylate	X	X	X	Present	X	Present	X	X
Polymer	X	X		Present	X	Present	X	X

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances



**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<b>NFPA</b>	Health Hazards 2	Flammability 1	Instability 1	Special Hazards No water
<b>HMIS</b>	Health Hazards 2	Flammability 1	Physical hazards 1	Personal Protection X

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value
*	Skin designation
<b>Issue Date:</b>	14-Feb-2017

Revision Date: 26-Dec-2017

Revision Note: Regulatory update

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**