

Safety Data Sheet



C K Enterprises, Inc.
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Section 1. Chemical Product and Company Identification

Product Name C K Thread Shield
Product Use Anti-seizing agent
Product Code 6923-A16
Date of Issue 2/19/2016
Supersedes -

Emergency Telephone Numbers
CHEMTREC- 1-800-424-9300

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

Section 2. Hazards Identification

Emergency Overview

Danger



Health Hazards

Acute Toxicity: oral	Category 4
Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 1B
Specific target Organ toxicity single exposure: Respiratory irritation	Category 3
Specific target Organ Toxicity-Repeated exposure	Category 2

Environmental Hazards

Hazardous to the aquatic environment; acute hazard	Category 1
Hazardous to the aquatic environment; long-term hazard	Category 1

Physical Hazards:

Flammable Aerosol	Category 1
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P102	Keep out of reach of children
P103	Read label before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources
P211	Do not spray on open flame or other ignition source.
P251	Pressurized container do not pierce or burn, even after use
P261	Avoid breathing vapors or spray
P264	Wash hands thoroughly after handling
P270	Do not eat or drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P273	Avoid release into the environment
P280	Wear protective gloves, clothing and eye protection
P303+P361+P353	IF ON SKIN (or hair): take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340	IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor /physician if you feel unwell
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	IF skin irritation occurs: Get medical advice/attention
P337+P313	IF eye irritation persists: Get medical advice/attention
P391	Collect spillage. Hazardous to the aquatic environment

P235+P405 Keep cool. Store locked up
 P410+P403 Protect from sunlight. Store in a well-ventilated place.
 P501 Dispose of in accordance with all federal, state and local pollution control regulations

Hazard Statements:

H302 Harmful if swallowed
 H315 Causes skin irritation
 H319 Causes serious eye irritation
 H335 May respiratory irritation
 H350 May cause cancer
 H313 May be harmful in contact with skin
 H373 Causes damage to organs through prolonged or repeated exposure
 H410 Toxic to aquatic life with long lasting effects

Routes of Entry Dermal, Oral, and Inhalation**Acute Effects:**

Eyes Overexposure will cause redness and burning sensation.
Skin Causes skin irritation. Overexposure will cause defatting of skin.
Inhalation Narcosis. Overexposure may cause irritation, headache, dizziness, nausea and loss of coordination.
Ingestion May cause nausea, vomiting or gastrointestinal disorder.

Section 3. Composition/Information on Ingredients

<u>Name of Hazardous Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>
Methylene Chloride	75-09-2	35-63
Copper	7440-50-8	18-32
Butane	106-97-8	5-11
Isobutane	75-28-5	2-5

Section 4. First Aid Measures

Eye Contact Flush with plenty of water for at least 15 minutes while holding open eyelids. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical attention.
Skin Contact Take off all contaminated clothing; wash before reuse. Wash with plenty of water for 15 minutes. Call a poison center or physician if you feel unwell.
Inhalation Remove to fresh air and keep at a position comfortable for breathing. If you feel unwell, call a poison center or doctor.
Ingestion Rinse mouth. Do not induce vomiting. Immediately call a poison center or doctor. Never give anything to an unconscious person orally. If vomiting occurs naturally, lie on your side, in recovery position.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)
 (estimated rating)



Hazardous Combustion Products Oxides of carbon
Extinguishing Media Water, fog, dry chemical or carbon dioxide
Unsuitable Extinguishing Media Water may be ineffective but can be used to cool containers exposed to heat or flame
Fire Fighting Procedures Wear appropriate self containing breathing apparatus and gear. Remove undamaged containers from hazard if safe to do so. Contents under pressure. Keep away from ignition sources and open flames. Exposure to extreme heat and flames can cause them to rupture often with violent force.

Section 6. Accidental Release Measures

Spill Clean Up Eliminate all ignition sources. Stay upwind. Do not touch or walk through spilled material. Prevent entry into sewers, storm drains and waterways. Use absorbent sweeping compound to soak up material and put into suitable container for proper disposal.

Section 7. Handling and Storage

Handling and Storage For industrial use only. Keep away from children. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe in mist or vapors. Do not eat, drink or smoke while product is in use. Remove contaminated clothing and wash before reuse. Use in well-ventilated area. Store in a cool, dry place. Avoid direct sunlight. Do not cut, drill, grind or weld on or near containers. Do not pressurize containers to empty them. Store at temperatures below 120°F.

Section 8. Exposure Controls/Personal Protection**Exposure Limits**

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Methylene Chloride	25ppm TWA	Lowest feasible concentration		50ppm TWA
Copper (as copper dust or copper fumes) CAS#7440-50-8)	1mg/m3 TWA	1mg/m3 TWA		1mg/m3 TWA
Isobutane (75-28-5)	-	800ppm TWA	-	-
Propane (74-98-6)	1,000ppm TWA	1,000ppm TWA	-	2,500ppm TWA
Butane (106-97-8)	-	800ppm TWA	-	1000ppm TWA

Engineering Controls Use in a well-ventilated area. Use local exhaust systems to control emissions.

**Personal Protective Equipment (PPE)**

Eyes Chemical splash goggles
Body Nitrile Rubber or neoprene Gloves, long shirt and pants; wear chemical resistant and other protective clothing to prevent skin contact
Respiratory Use a NIOSH approved respirator if TLV are reached or exceeded. If spraying continuously or more than one can in sequence, wear a NIOSH approved respirator.

Section 9. Physical and Chemical Properties

Physical State	Aerosol	% VOC	17.500 %
Color	N/A	Vapor Pressure	N/A
Odor	N/A	Vapor Density	Slower than ether
Odor Threshold	N/A	Density	10.61734 lb/gal
pH	N/A	Solubility	Not soluble
Freezing Point	N/A	Partition Coefficient	N/A
Boiling Point	Low: 0°F High: 105°F	LEL	1.9
Flash Point	0°F	UEL	9.5
Evaporation Rate	Slower than ether	Viscosity	N/A
Flammability	Flashpoint below 73°F	Specific Gravity	N/A

Section 10. Stability and Reactivity

Stability and Reactivity	Stable
Incompatibility	None known
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	In fire, will decompose to CO and CO ₂
Conditions to Avoid	High temperatures

Section 11. Toxicological Information

Routes of Entry	Dermal, oral and inhalation
Symptoms	Irritation
Skin Irritant	Yes may cause defatting of skin.
Eye Irritant	Yes
Sensitizers	Not determined
Mutagenicity	Suspected of causing genetic defects
Carcinogenicity	Group 2A(IARC Monographs): Carcinogenic to Humans (CAS # 127-18-4) Group 3(IARC Monographs): (Not classifiable as to its carcinogenicity to humans)(CAS # 111-76-2)
Reproductive Toxicity	No information found
Target Organs	See section 2. potential Symptoms from overexposure : Irritation of eyes, skin; headache; visual disturbance; lassitude (weakness, exhaustion), dizziness; tremor; drowsiness, nausea; vomiting; dermatitis; cardiac arrhythmias

Acute Toxicity**Methylene Chloride CAS# 74-09-2**

Dermal	No data
Oral	LD50 (oral, rat) 1600mg/kg (1600mg/kg)
Inhalation	LC50 (inhalation, rat) 52gm/m3 (52000mg/m3)

Copper

Dermal	LD50 (intraperitoneal, mouse) 3500ug/kg (3.5mg/kg)
Oral	No data found
Inhalation	No data found

Propane (CAS# 74-98-6)

No data found on acute toxicity of propane

Isobutane (CAS#75-28-5)

Oral	No data found
Inhalation	LC50(inhalation, rat): 57pph/15M (570000ppm)
Dermal	No data found

Butane (CAS# 106-97-8)

Oral	No data
Inhalation	LC50(inhalation, rat): 658gm/m3/4H (658000mg/m3)
Dermal	No data

Section 12. Ecological Information

Environmental Effects Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Section 13. Disposal Considerations

Waste Information Dispose of in accordance with all Federal, State and Local pollution control regulations.

Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	-	Consumer Commodity	ORM-D	-	None

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

US Federal Regulations The following substances are listed as a toxic chemical and are subject to report under the **SARA act**

Section 313:			
	Methylene Chloride	75-09-2	35-63%
	Copper	7440-50-8	18-32%

The following substances have **CERCLA** reportable quantity values (in pounds):

Methylene Chloride	75-09-2	1000lbs
RCRA Code Waste no.: U080		
Copper	7440-50-8	5000lbs

The following substance has **CAA 112(r) TQ**:

Butane	106-97-8	10000lbs
Propane	74-98-6	10000lbs
Isobutane	75-28-5	10000lbs

State Regulations The following substance has been reported by the State of **California Prop 65** as cancer causing:
Methylene chloride 75-09-2

Section 16. Other Information

Last Revision 1/18/2016

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.