



ACTIO MSDS ID: 440941

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Cramer Products, Inc.**NFPA**

Tape Remover

2

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Patterson Companies, Inc. Product Code(s):
28060M,86020C,86120C,28059C

**SECTION 1 : Chemical Product and Company Identification**

MSDS Name: Tape Remover

Manufacturer Name: Cramer Products, Inc.

Address:

153 West Warren
Gardner, KS 66030

Emergency Telephone No.: (913) 856-7511

Product Description:

Product Class: Solvent solution

Manufacturer MSDS Revision Date:

3/2/2009

Synonyms:

Not Applicable

Chemical Family: Mixture

NFPA

Health: 1

Flammability: 2

Reactivity: 1

Other:

Chemical Name:

Not Applicable

Label Name: Tape Remover

Package types: Plastic bottle

Product Codes:

201033



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SECTION 2 : Hazardous Ingredients/Identity Information

Chemical Name	CAS#	Percent	
Isopropyl Alcohol	67-63-0	< 90%	

OSHA PEL TWA: 400 ppm

ACGIH TLV TWA: 400 ppm

Chemical Name	CAS#	Percent	
Mineral Oil	8042-47-5	~10%	

OSHA PEL TWA: None

ACGIH TLV TWA: None



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SECTION 3 : Physical And Chemical Characteristics

Physical State/Appearance:

Clear liquid

Color:

Blue

Vapor Pressure:

~33 mm. Hg

Vapor Density:

(Air=1): ~2

Boiling Point:

~180 deg F

Melting Point:

Liquid at room temperature

Solubility:

In Water: Very soluble

Specific Gravity:

(Water=1): ~0.8

Evaporation Point:

Unknown

Percent Volatile:

By Volume: 90

FlashPoint:

~50 deg F

Upper Flammable Explosive Limit:

12.7 (Isopropyl Alcohol)

Lower Flammable Explosive Limit:

2.0 (Isopropyl Alcohol)



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SECTION 4 : Fire And Explosion Hazards

Flash Point:

~50 deg F

Flash Point Method:

Closed cup

Upper Flammable or Explosive Limit: 12.7 (Isopropyl Alcohol)

Lower Flammable or Explosive Limit: 2.0 (Isopropyl Alcohol)

Extinguishing Media:

Alcohol type foam or dry chemical

Hazardous Combustion Byproducts:

Carbon monoxide and carbon dioxide

Fire Fighting Instructions:

Use water spray to cool exposed surfaces. Allow fire to burn under controlled conditions or extinguish. If leak or spill has not ignited, use water spray to disperse vapor. Try to cover liquid spills with foam.



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SECTION 5 : Health Hazards

Isopropyl Alcohol :

Potential Health Effects:

Eye Contact:

Acute overexposure: Can cause severe irritation, redness, tearing, blurred vision

Skin Contact:

Acute overexposure: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

Inhalation:

Acute overexposure:

Breathing: Excessive inhalation of vapors can cause nasal and respiratory irritation, headache, possible unconsciousness, and even death.

Swallow:

Acute overexposure: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Health Effects:

Isopropyl Alcohol has been found to cause damage to the liver, kidneys and brains of laboratory animals.



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SECTION 6 : Emergency And First Aid Procedures

Eye Contact:

Flush with large amounts of water for at least 15 minutes. Cautiously attempt to lift upper and lower lids occasionally; get medical attention immediately.

Skin Contact:

Thoroughly wash exposed area with soap and water.

Inhalation:

If breathed: Remove to fresh air. Consult physician immediately.

Ingestion:

If swallowed: Do not induce vomiting. Keep at rest. Get medical attention immediately



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SECTION 7 : Reactivity Data

Chemical Stability:

Stable

Conditions to Avoid:

None known

Incompatibilities with Other Materials:

Caustics, amines, alkanolamines, strong oxidizers and chlorinated compounds.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

None known.



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SECTION 8 : Precautions For Safe Handling

Spill Cleanup Measures:

Eliminate all sources of ignition.

Large Spill:

Larger spills should be collected for disposal.

Small Spill:

Small spills should be flushed with large quantities of water.

Storage:

Do not use near fire, flame or hot surfaces. Do not incinerate. Do not expose to heat or store at temperatures above 120 deg F. Keep out of reach of children.

Waste Disposal:

Dispose of product in accordance with applicable local, county, state and federal regulations.



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SECTION 9 : Control Measures

Ventilation System:

Use in well ventilated area.

Hand Protection Description:

Protective Gloves: None required

Eye/Face Protection:

Not required

Protective Clothing/Body Protection:

None required

Respiratory Protection:

None required in normal use.



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SECTION 10 : Other Information

NFPA:

Fire Hazard: 2

Health: 1

Reactivity: 1

MSDS Revision Date:

3/2/2009

Disclaimer:

The information contained herein is believed to be accurate. It is the user's obligation to determine the safe use of the product.

Abbreviation Key:

N/A = Not Applicable

LeI = Lower explosive limit

UeI = Upper explosive limit

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