

HMIS RATING	
Health	1
Flammability	4
Reactivity	0

MATERIAL SAFETY DATA SHEET
 (Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept of Labor)
 Form approved OMB No. 1218-0072
 OSHA 174 - Sept. 1985

NFPA Rating	
Health	1
Flammability	4
Reactivity	0

IDENTITY:

SUPER 50-5
 PENETRATING LUBE
 TM 612

Marketer's Name Must Appear Below

DOT Shipping - Consumer Commodity ORM-D

Manufacturer's Name **Castle Products, Inc.**

Emergency Telephone Number
(216) 467-4195

Address **235 Surrey Run
 Williamsville, NY 14221**

Telephone Number for Information
(716) 631-5216

Date Prepared 10/1/91

Checked ☒

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	STEL	%(optional)
Kerosene (8008-20-6)	400	-	-	13
Mineral Spirits (8052-41-3)	100	100	-	55
Aliphatic Petroleum Distillates (64742-63-8)	-	5mg/m3	10mg/m3	9
*2-Butoxyethanol (111-76-2)	1000	1000	-	1
Propane/Isobutane/n-Butane (74-98-6)	-	5mg/m3	Asphyxiant	18
*Zinc Compound (CAS Unknown)	-	5mg/m3	-	<1
Corrosion Inhibitor (CAS Unknown)	5mg/m3	5mg/m3	10mg/m3	3

Mineral spirits may contain 3.5% 1,2,4 Trimethylbenzene (CAS 95-63-0) which is subject to the reporting requirements Section 312 of SARA Title III.

Keroses contains 0.5-1.5% Xylene mix (CAS 1330-20-7), 0.5-1.5% naphtalene (CAS 91-20-3), and 0.4-1.2% biphenyl (CAS 92-52-4) which are subject to the reporting requirements Section 313 of SARA Title III.

All chemical compounds marked with an Asterisk() are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet.

Section III - Physical/Chemical Characteristics

Boiling Point	Range	-40°F to 398°F	Specific Gravity (H ₂ O = 1)	0.7
Vapor Pressure PSIG @ 70°F		50	Melting Point	NA
Vapor Density (AIR = 1)		4.0	Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water	Nil		Appearance and Odor	Clear/Solvent

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	-40°F TCC	Flammable Limits	LEL 1.8	UEL 12.0
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Extinguishing Media Use water fog, dry chemical or carbon dioxide.

Special Fire Fighting Procedures Aerosol cans may rupture when heated

Unusual Fire and Explosion Hazards Heated cans may burst

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	High Temperatures

Compatibility (Materials to Avoid)
Incompatible with strong oxidizers.

Hazardous Decomposition or Byproducts

In fire, will decompose to carbon dioxide, water, sulfur compounds, calcium oxide.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will not Occur	X	None

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
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Health Hazards (Acute and Chronic)

May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible.

Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents

listed have been reported to affect the central nervous system.

Eye and skin irritant.

Aspiration hazard if swallowed.

2-Butoxyethanol may be absorbed through the skin with toxic effects; overexposure may produce blood abnormalities.

Carcinogenicity:	NTP? Presently not on any list	IARC Monographs?	OSHA Regulated?
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Signs and Symptoms of Exposure

Inhalation - Difficulty in breathing. Skin-redness. Ingestion-vomiting.

Medical Conditions

Generally Aggravated by Exposure: Heart Disease; Respiratory Disorders.

Emergency and First Aid Procedures

Give oxygen - Do not induce vomiting - Gastric lavage - Wash eyes and skin with water.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:

Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

Waste Disposal Method

Dispose as hazardous waste in accordance with EPA RCRA.

Precautions to be Taken in Handling and Storing

Keep away from heat, sparks, or open flame. Store at temperatures below 120°F.

Other Precautions: When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Self contained breathing apparatus if above TLV limit exceeding.

Ventilation	Local Exhaust Yes	Special None
	Mechanical (General) None	Other None

Protective Gloves

None required if spraying

Eye Protection

Wear eye protection

Other Protective Clothing or Equipment

Long sleeve and long pants

MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

PRODUCT NUMBER:K-795

IDENTITY: **PEOPLES CHOICE**

Revision Date:3/01/2007

Section I

Manufactured For: K & K CHEMICAL COMPANY
Address: 1303 INDUSTRIAL DRIVE (BOX 737)
ROYSE CITY, TX 75189

Telephone Numbers:
Emergency: (800)424-9300 (CHEMTREC)
Information: (800)958-6921

HMIS CODES: HEALTH: 0 FLAMMABILITY: 3 REACTIVITY: 0 PERSONAL PROTECT: 0

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the ingredients contained in this product are listed on the TSCA inventory.)

Name	CAS No.	OSHA PEL	ACGIH TLV	OTHER LIM %
ETHYL ALCOHOL	64-17-5	1000 PPM	1000 PPM	N/A

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	212	Specific Gravity (water=1)	0.88
Vapor Pressure(mm Hg)	17.5	Melting Point:	N/A
Vapor Density(AIR=1)	1	Evaporation Rate:	1
Solubility in Water:	100% (Butyl Acetate=1)	Appearance and Odor:	CLEAR WATER WHITE, CITRUS ODOR

Section IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point(Method Used):	80 F (TCC)	Flammable Limits: LEL: UNKN	UEL: UNKN
Extinguishing Media:	DRY FOAM	Special Fire Fighting Procedures:	NONE
Unusual Fire and Explosion Hazards:	NONE		

Section V: REACTIVITY DATA

Stability: Unstable:_	Stable: <u>X</u>	Conditions to avoid:	NONE
Incompatibility (Materials to Avoid):	NONE KNOWN	Hazardous Decomposition or Byproducts:	NONE KNOWN
Hazardous Polymerization:	May Occur:_	Will Not Occur: <u>X</u>	Conditions to Avoid: NONE KNOWN

Section VI: HEALTH HAZARD DATA

Routes of Entry: Inhalation: NO Skin: NO Ingestion: NO
Health Hazards(Acute and Chronic):
EYES: MAY CAUSE MILD IRRITATION.
Carcinogenicity: NTP: NO IARC Monographs: NO OSHA Reg: NO
Signs and Symptoms of Exposure:
EYES: FLUSH WITH WATER. IF IRRITATION OF EYES PERSISTS, SEE PHYSICIAN.
Medical Conditions Generally Aggravated by Exposure: NONE KNOWN
Emergency and First Aid Procedures: SEE HEALTH HAZARDS ABOVE

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: RINSE AREA WITH WATER UNTIL CLEAR. PRODUCT IS A HAND SANITIZER, SO THERE ARE NO DISPOSAL REQUIREMENTS.
Waste Disposal Method: RESEAL USED CONTAINERS AND DISPOSE OF IN TRASH COLLECTION.
Precautions to be Taken in Handling and Storing: KEEP AWAY FROM EXTREME HEAT. STORE IN A COOL DRY AREA.
Other Precautions: NONE

Section VIII: CONTROL MEASURES

Respiratory Protection:	N/A	Ventilation: Local Exhaust:	N/A
Mechanical:	N/A	Special:	N/A
Other:	N/A	Protective Gloves:	N/A
Eye Protection:	N/A	Other Protective Clothing or Equipment:	N/A
Work/Hygienic Practices:	N/A		

Date: 6/1/1998