

MATERIAL SAFETY DATA SHEET

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NAME OF PREPARER:	D.S. Phillips		
CREATED	5/1/01	UPDATED	5/18/01

I. GENERAL			
TRADE NAME:	L460 Foaming Leather Conditioner	EMERGENCY TELEPHONE NUMBER	
OTHER NAMES:		1-(800) 255-3924	
CHEMICAL FAMILY:	Emulsion Mixture	DOT Hazardous Materials Proper Shipping Name	
GENERIC NAME:	Leather Dressing	UN/NA ID No.:	ORM-D
		DOT Hazard Class	

II HAZARDOUS COMPONENTS			
			(this may not be a complete list of components)
Component Name	CAS #	Exposure Limits in Air	
		TLV (ACGIH)	OSHA(PEL) PEL (OSHA)
Food Grade Mineral Oil	8042-47-5	5mg/M3	5mg/M3
Aliphatic Mineral Spirits	64741-65-7	100 ppm	100 ppm
Liquified Petroleum Gas	68476-85-7	1000 ppm	1000 ppm
#Listed by:	1=IARC 2=EPA 3=GISO 4=CAL/OSHA		Compositions are typical values, not specifications.

III SUMMARY OF HAZARDS	
ACUTE HEALTH-	None

CHRONIC HEALTH-			
NFPA Rating:	Health: 1	Fire: 0	Reactivity: 0
	(4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Insignificant)		

FIRE AND EXPLOSION		
Flash Point (Method)	Autoignition Temperature	Flammable Limits (%Volume in air)
None to Boiling >212 F	NA - Not Applicable	Lower- NA
		Upper- NA

UNUSUAL FIRE AND EXPLOSION HAZARD	Exposure to temperatures above 120 F may cause bursting.		
EXTINGUISHING MEDIA	Foam	XXX	Water Spray
	CO2	XXX	Dry Chemical
			Alcohol Foam
			Other

SPECIAL FIREFIGHTING PROCEDURES	Wear self contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.		
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V HEALTH HAZARDS	
INHALATION	Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.
EYE CONTACT	Mildly irritating to eyes.
SKIN ABSORPTION	Frequent or prolonged contact may cause irritation.
SKIN IRRITATION	Frequent or prolonged contact may cause irritation.
INGESTION	Minimal toxicity. Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration into lungs can cause chemical pneumonitis.

SUMMARY OF ACCUTE HAZARDS AND SPECIAL HEALTH EFFECTS

VI PROTECTIVE EQUIPMENT AND OTHER CONTROL MEASURES	
RESPIRATORY	None needed if used in accordance with label instructions.
EYE	Slash proof safety goggles should be used. Contact lenses should not be worn while working with chemicals.
SKIN	None needed for proper use in accordance with label instructions.
ENGINEERING CONTROLS	
OTHER HYGIENIC AND WORK PRACTICES	Eye bath and safety showers should be available to employees.

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VII EMERGENCY AND FIRST AID			
INHALATION	If symptoms occur move exposed person to fresh air. Keep warm and at rest.		
EYE CONTACT	Wash eyes with large amounts of water for 15 min., lifting upper and lower lids occasionally.		
SKIN CONTACT	If irritation occurs, consult physician regarding allergic response.		
INGESTION	Consult a physician if symptoms occur.		
Note: Never give anything by mouth to an unconscious person.			
SUSPECTED CANCER AGENT	No		
AGGRAVATED CONDITIONS	None		
VIII SPILL AND DISPOSAL			
PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED	Rinse with water.		
WASTE DISPOSAL METHODS	Flush to sewer with plenty of water if permitted by local regulations.		
X PHYSICAL AND CHEMICAL DATA			
Boiling Point	>200°F	Viscosity Units, Temp. (Method)	Percent VOC 15%
Freezing Point	<32°F	Vapor Pressure of Can (mmHg @20°C)	Evaporation rate (Water = 1) 1.00
Specific Gravity (HOH=1)	0.937	Vapor Density (Air=1 @ 100°F)	Stable X Unstable
Solubility in Water (g/100g water @20°C)	Soluble	pH-conc. 8.2 pH -dilute 8.2	Hazardous Polymerization Will not occur
Other Physical and Chemical Properties			Chemical Reactivity Stable
Appearance and Odor	Thick White Mousse/Leather		
Materials to Avoid			
Conditions to Avoid	Avoid freezing.		
Hazardous Decomposition Products	None		
XI ADDITIONAL PRECAUTIONS			
HANDLING, STORAGE AND DECONTAMINATION PROCEDURES			
GENERAL COMMENTS			
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MSDS ABBREVIATIONS AND EXPLANATIONS

These abbreviations are used in most of the material safety data sheets. Please take the time to familiarize yourself with them to help simplify the information.

ACGIH	American Conference of Governmental Industrial Hygienists
CAS No.	Chemical Abstracts Service registration number
DOT	Department of Transportation
EPA	Environmental Protection Agency
IARC	International Agency for Research of Cancer
IDLH	Immediately Dangerous to Life or Health
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit
TCC	Tagliabue Closed Cup
TLV	Threshold Limit Value
TWA	Time Weighted Average
UN/NA ID no.	Transportation ID number for hazardous materials

FIRST AID EQUIPMENT AND SUPPLIES

The following list contains the minimum recommended supplies to provide first aid to injured victims in the case of a chemical emergency. Please take the time to purchase, organize and familiarize yourself with this equipment.

eye wash bottle	a bucket	hot and cold faucets	towels
cold shower	two blankets	a cot	strong pair of scissors
spoon	drinking glass	soap	

Also keep available: Dry dressing, lime water, milk of magnesia, mineral oil, powdered milk, powdered eggs, vinegar, salt and fuller's earth.

We have found the book FIRST AID FOR CHEMICAL ACCIDENTS by Marc J. Lefèvre, M.D.; Van Nostrand Reinhold Co to be very informative and would also recommend keeping a copy on hand.

THE TELEPHONE NUMBER OF THE NEAREST POISON CONTROL CENTER CAN BE FOUND IN THE FRONT OF YOUR LOCAL PHONE DIRECTORY