

# MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard, 29 CFR 1910.1200

## IDENTITY

Liner Kote™

## N.F.P.A. & H.M.I.S. RATING

### HAZARD INDEX

4 = Severe  
3 = Serious  
2 = Moderate  
1 = Slight  
0 = Minimal

### HAZARD CLASS

Flammability	1
Health	1
Reactivity	0
Special Note	-

## SECTION I - MANUFACTURER

SYMONS CORPORATION  
200 E. Touhy Avenue  
Des Plaines, IL 60018

Emergency Contact  
800-424-9300  
Information Contact  
847-298-3200

## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

None of the components of the mixture are considered Hazardous Material or carcinogens (1910.1200 Hazard Communication (d)(4)).

### TRANSPORTATION INFORMATION

D.O.T. Classification: NOT REGULATED

National Motor Freight (NMF-100-0): Petroleum Oils, Greases, & Related Products. Item 155250 Class: LTL= 65 TL= 35

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 600°F      Specific Gravity (H<sub>2</sub>O=1): 0.88  
Vapor Pressure (mm Hg): <0.1      Melting Point: NA  
Vapor Density (Air = 1): >5.0      Evaporation (Butyl Acetate = 1): <0.1  
Solubility: Negligible  
Appearance: Pale yellow-orange liquid, bland odor.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Tag Closed Cup): 230°F.  
Flammable Limits:      LFL: 0.9%      UFL: 7.0%

Extinguishing Media: Dry chemical, foam or CO<sub>2</sub>

Special Fire Fighting Procedures: Firefighters should wear NIOSH approved self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: none

## SECTION V - REACTIVITY DATA

Stability: Stable.

Conditions to Avoid: Extreme heat and flame.

Incompatibility (Materials to Avoid): Oxidizers.

Hazardous Decomposition (Byproducts): Carbon monoxide and other petroleum decomposition products.

Hazardous Polymerization: Will not occur.

## SECTION VI - HEALTH HAZARD DATA

### ROUTES OF ENTRY

Inhalation? Yes      Skin? Yes      Ingestion? Not expected

### HEALTH HAZARDS (ACUTE AND CHRONIC)

Skin Contact: May cause slight irritation.

Eye Contact: May cause irritation.

Inhalation: May cause dizziness, headache, nausea and vomiting if used in unventilated areas.

Ingestion: May be harmful if swallowed - low visc product.

Carcinogenicity: Unrelated      NTP? No      IARC Monographs? No      OSHA Regulated? No

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, drowsiness, respiratory and skin irritation, nausea, numbness.

### EMERGENCY AND FIRST AID PROCEDURES

Skin: Remove and launder contaminated clothing. Extremely contaminated leather shoes should be discarded. Wash thoroughly with soap and water. If irritation persists call a physician.

Eyes: Flush with water for 20 minutes. Call a physician.

Inhalation: Remove to fresh air. Call a physician.

Ingestion: Do not induce vomiting. If vomiting begins, lower victim's head in an effort to prevent vomitus from entering lungs. Call a poison center or physician.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Eliminate all ignition sources. Contain with earthen dike or petroleum absorbent material. Remove with grounded suction pump to a salvage container. Remove all absorbent and contaminated materials. Wash area.

Waste Disposal Method: Controlled incineration complying with federal, state and local regulations.

Precautions to be Taken in Handling and Storing: Keep away from all ignition sources (heat, flame, sparks, & strong oxidizers). Store in safety containers. Use only in well ventilated areas.

Other Precautions: Do not weld or cut empty steel drums with a torch.

## SECTION VIII - CONTROL MEASURES

HMIS Personal Protection Index: "J"

Respiratory Protection: Organic vapor cartridge or NIOSH approved supplied air respirators.

Ventilation: Local exhaust to control vapors.

Protective Gloves: Neoprene or equivalent gloves.

Eye Protection: Chemical splash goggles or face shield to protect against accidental splashes.

Other Protective Clothing or Equipment: PVC or equivalent chemically resistant apron. Safety showers and eye wash stations should be available.

Work/Hygienic Practices: Wash thoroughly with soap and water before eating, smoking or using washroom. Remove contaminated clothing and wash before reuse. Use only in well ventilated areas unless recommended respiratory protection is used. Keep body contact and splash to a minimum.

*Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, Symons Corporation makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Symons Corporation be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers.*

SYMONS CORPORATION

DATE: 5/97