

MATERIAL SAFETY DATA SHEET

HMIS Ratings	
Health	2
Flammability	2
Reactivity	0
Protection	X

Chemical Product and Company Identification

Manufactured For	Klingspor Abrasives Inc PO Box 2367 Hickory NC 28602
Phone	(828) 322-3030
Emergency Phone	CHEMTREC 1-800-424-9300 FOR INTERNATIONAL CALLS (703) 527-3887
Date Modified	12/21/10
Product Identity	Course Cut Liquid Compound
Product Use	Automotive Reconditioning Product

Composition / Information on Ingredients

Ingredient Name	CAS Number	Wgt.%	PEL-OSHA	Exposure Limits	
				TLV-ACGIH	Carcinogen
SILICA-TRIPOLI	1317-95-9	30-60	0.1 mg/m3	0.1 mg/m3	Yes
KEROSINE, PETROLEUM	8008-20-6	10-30			No
SILICA, CRYSTALLINE	14808-60-7	7-13	0.1 mg/m3	0.05 mg/m3	Yes
MORPHOLINE	110-91-8	0.3-0.5	20 ppm	20 ppm	No
Non-hazardous and other Ingredients below reportable levels	Proprietary	24.6	N/AP	N/AP	N/AP

Hazards Identification

Potential Health Effects

Skin	Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.
Eyes	This product may be severely irritating to the eyes. Symptoms include itching, burning, redness and tearing.
Inhalation	This product may cause irritation to the respiratory system.
Ingestion	Ingestion of this product may cause nausea, vomiting and diarrhea.

Hazard Statements
COMBUSTIBLE.

First Aid Measures

First Aid

Skin	Immediately take off all contaminated clothing. For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.
Eyes	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention or advice.
Inhalation	If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen.
Ingestion	If the material is swallowed, get immediate medical attention or advice – Do not induce vomiting.

Fire Fighting Measures

Hazardous Combustion Products

Carbon monoxide, carbon dioxide, and other hydrocarbon fragments.

Extinguishing Media

Carbon dioxide. Alcohol foam.

General Fire Hazards

This product is combustible at high temperatures. Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

Flash Point > 180° F

Flammability Limits in Air, Lower, % by Volume 0.7%

Accidental Release Measures

Containment Procedures

Eliminate sources of ignition. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

Clean-Up Procedures

Absorb spill with inert material. Shovel material into appropriate container for disposal.

Handling and Storage

Handling Procedures

Avoid prolonged or repeated skin contact with this material. Keep this product from heat, sparks, or open flame.

Storage Procedures

Keep the container tightly closed and in a cool, well-ventilated place. Do not store, incinerate, or heat this material above 120 degrees Fahrenheit. Do not freeze.

Exposure Controls / Personal Protection

Engineering Controls

Explosion proof exhaust ventilation should be used.

Personal Protective Equipment

Eyes/Face

Wear chemical goggles.

Skin

Use impervious gloves. Use of impervious apron and boots are recommended.

Respiratory

If ventilation is not sufficient to effectively prevent buildup of vapor/mist/fume/dust, appropriate NIOSH/MSHA respiratory protection must be provided.

General

Use good industrial hygiene practices when handling this material. Eye wash fountain and emergency showers are recommended.

Physical & Chemical Properties

Boiling Point	>212 F
Specific Gravity	1.29
Vapor Pressure	<20 mm/Hg
Evaporation Rate	>1 n-Butyl Acetate = 1
Vapor Density	>1
Solubility (H₂O)	Dispersible
pH	8.5
Freezing Point	32 F

Chemical Stability & Reactivity Information

Chemical Stability

Stable under normal conditions.

Hazardous Decomposition

Hazardous combustion products may include carbon monoxide, carbon dioxide and hydrocarbon fragments.

Hazardous Polymerization

Will not occur.

Incompatibility

Strong oxidizing agents (peroxides, chlorine, strong acids).

Toxicological Information

Toxicological Information

No data available for this product.

Ecological Information

Ecological Information

No data available for this product.

Disposal Considerations

Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Transportation Information

General

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

Regulatory Information

Other Information

Disclaimer

NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, MSDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

Prepared By Technical Department

Issue Date 12/21/2010