



# MATERIAL SAFETY DATA SHEET

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## Rubbing Compounds

## RUB/1

SECTION II		ACGIH		OSHA	Vapor	D1 T 13	D1 T 122	D1 T 271	D1 T 273	W2 T 756
CAS No.	HAZARDOUS INGREDIENT (percent by weight)	TLV <STEL>	PEL <STEL>	Units	Pressure (mm Hg)	White Lightning Rubbing Compound	Mechanical Rubbing Compound	Fast Cut Rubbing Compound	Synthetic Enamel Rubbing Compound	QUICK-SLICK® Heavy Duty Rubbing Compound
64742-53-6	Highly Refined Naphthenic Oil	5	5	Mg/M3						3
64742-47-8	Mineral Spirits	100	100	PPM	2.0	10	17	10	10	
64742-96-7	Heavy Aliphatic Solvent	Not Established			1.0	10		11	10	10
8002-09-3	Pine Oil	Not Established			0.1	2	2	2	2	
14808-60-7	Quartz	0.1	0.1	M3/M3	as Resp. Dust	43	53	42	33	45
14807-96-6	Talc	2	2	Mg/M3	as Resp. Dust				9	
Weight per Gallon (lbs.)						10.4	11.5	10.5	10.4	11.1
VOC - Total Volatile Organic Compounds (lbs./gal.)						2.36	2.17	2.37	2.36	1.3
VOC - Less Water and exempt Solvents (lbs./gal.)						3.74	3.21	3.74	3.74	3.0
Photochemically Reactive						No	No	No	No	No
Flash Point (°F)						105	105	105	105	208
Flammability Classification (Combustible - Not Applicable)						Comb.	Comb.	Comb.	Comb.	Not Appl.
DOL Storage Category						2	2	2	2	3B
HMIS® (NFPA) Rating (health - flammability - reactivity)						2* 2 0	2* 2 0	2* 2 0	2* 2 0	2* 1 0
PAINT-SAFE® Personal Protection						F1	F1	F1	F1	F1

No ingredient in these products is subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313, 40 CFR 372.65 C

## Section III — PHYSICAL DATA

*PRODUCT WEIGHT* — See TABLE  
*SPECIFIC GRAVITY* — 1.25-1.38  
*BOILING RANGE* — 212-500 °F  
*VOLATILE VOLUME* — 66-73 %

*EVAPORATION RATE* — Slower than Ether  
*VAPOR DENSITY* — Heavier than Air  
*MELTING POINT* — Not Available  
*SOLUBILITY IN WATER* — Not Available

## Section IV — FIRE AND EXPLOSION HAZARD DATA

*FLAMMABILITY CLASSIFICATION* See TABLE  
*FLASH POINT* See TABLE  
*LEL* 0.6  
*UEL* 12.8

See TABLE  
*EXTINGUISHING MEDIA*  
Carbon Dioxide, Dry Chemical, Alcohol Foam

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.

### SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

## Section V — HEALTH HAZARD DATA

### ROUTES OF EXPOSURE

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. Follow recommendations for proper use, ventilation, and personal protective equipment to minimize exposure.

### ACUTE Health Hazards

#### EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

#### MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

#### EMERGENCY AND FIRST AID PROCEDURES

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.  
If on SKIN: Wash affected area thoroughly with soap and water.  
Remove contaminated clothing and laundry before re-use.  
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.  
If SWALLOWED: Get medical attention.

### CHRONIC Health Hazards

Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dried film, may cause lung damage (silicosis) and possibly cancer.

Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

## Section VI — REACTIVITY DATA

*STABILITY* — Stable  
*CONDITIONS TO AVOID*

None known.  
*INCOMPATIBILITY*-- None known.

### HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide  
*HAZARDOUS POLYMERIZATION* — Will Not Occur

## Section VII — SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate and remove with inert absorbent.

### WASTE DISPOSAL METHOD

Waste from products with a flash point lower than 140 F° may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste from these products must be tested for ignitability to determine the applicable EPA Hazardous Waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

## Section VIII — PROTECTION INFORMATION

### PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with eyes and skin. Wash hands after using.

### VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, *RESPIRATORY PROTECTION*

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section II.

### PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section II.

### EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

## Section IX — PRECAUTIONS

### DOL STORAGE CATEGORY — See TABLE

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat and open flame.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

### OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

## Section X — OTHER REGULATORY INFORMATION

### CALIFORNIA PROPOSITION 65

WARNING: These products contain a chemical(s) known to the State of California to cause cancer.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.