

# SAFETY DATA SHEET

## SECTION I - IDENTIFICATION

Product Name : True Grit Lapping Compound 725050  
Revision Date : 1/14/19  
Chemical Name : Water Based Lapping Compound  
Chemical Family : Propylene Glycol  
CAS# :  
Company address : Stens Corporation  
: 1919 Hospitality Drive  
: Jasper, IN 47546  
Emergency telephone: : 812-482-2526  
: 812-482-1275 (fax)

## SECTION II – HAZARDS IDENTIFICATION

Ingestion : Not expected to result in harmful effects.  
Inhalation : May cause irritation of the nose and throat, accompanied by cough and chest pain, if mist or dust is inhaled.  
Eye Contact : May cause moderate eye irritation. Symptoms include stinging, tearing, and redness.  
Skin Contact : Prolonged or repeated exposure may cause slight skin irritation. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.  
Medical Conditions Aggravated : Overexposure to propylene glycol has been suggested as a cause of the following effects in laboratory animals, and may aggravate pre-existing disorders of these organs in humans: kidney damage.  
Carcinogenicity : None.  
Signal Word : Not applicable  
Pictograms



Hazard Statements : Not applicable  
Precautionary Statements : Not applicable

## SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	: Silicon Carbide	CAS#	: 409-21-2
Hazard %	: 0-60%		
Chemical Name	: Propylene Glycol	CAS#	: 57-55-6
Hazard %	: 15-50%	Other Limits	:

## SECTION IV - FIRST AID MEASURES

Ingestion : Unlikely route of exposure. If symptoms develop consult medical attention.  
Inhalation : Unlikely route of exposure. First aid not normally required. If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention.  
Eye Contact : Irrigate with flowing water immediately and continuously for 15 minutes. Seek medical attention if symptoms persist or there is any visual difficulty.  
Skin Contact : Wash off in flowing water or shower.

## SECTION V – FIRE-FIGHTING MEASURES

Extinguishing Media : Water fog or fine spray, carbon dioxide, dry chemical, foam. Alcohol resistant foams (ATC type) are preferred if available. General purpose synthetic foams (including AFFF) or protein foams may function, but much less effectively. Do not use direct water stream.

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Unusual Fire Hazards : Not applicable

Special Fire Procedures : Largely consists of water.

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### SECTION VI – ACCIDENTAL RELEASE MEASURES

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Spill Procedures : Isolate area. Contain liquid to prevent contamination of soil, surface water, or ground water.

Waste Disposal : Dispose of according to Local, State, and Federal Regulations.

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### SECTION VII - HANDLING AND STORAGE

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Handling & Storage : Good personal hygiene to be followed at all times. Impermeable gloves recommended, or use barrier type cream. Prolonged contact removes oil and dries skin. If there is excessive dustiness, wear respirator selected per OSHA CFR 1910.134 Store in polyethylene or similar materials containers.

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### SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

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Eye Protection : Use safety glasses. Where contact with this material is likely, chemical goggles are recommended because eye contact may cause discomfort even though it is unlikely to cause injury.

Skin Protection : For brief contact, no precautions other than clean body-covering clothing should be needed. Use gloves impervious to this material when prolonged or frequently repeated contact should occur.

Ventilation : Local exhaust ventilation may be necessary for some operations. When airborne exposure guidelines and/or comfort levels may be exceeded, use an approved air-purifying respirator.

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### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

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Appearance : Dark gray semi-pourable gel.

Odor : Odorless

Odor threshold : Not available

pH : 6-8

Melting point/freezing point : Not available

Boiling Point : > 100°C

Flash Point : None to boiling

Evaporation Rate : Not established

Flammability : Non-flammable

Upper/lower flammability explosive limits : Not applicable

Vapor Pressure : Not established

Vapor Density : >1.000 @air=1

Specific Gravity : 1.2 @ 25C

Solubility in H<sub>2</sub>O : 90%

Partition coefficient (n-octanol/water) : Not available

Auto-ignition temperature : Not available

Decomposition temperature : Not available

Viscosity : >10,000cP

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### SECTION X - STABILITY & REACTIVITY

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Reactivity : The product is non-reactive under normal conditions of use, storage, and transport.

Stability : Stable under recommended storage conditions.

Incompatibility : Avoid contact with strong oxidizing materials.

Hazardous Decomposition Products : Will not occur.

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### SECTION XI – TOXICOLOGICAL INFORMATION

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#### Acute toxicity

*Acute oral toxicity:* Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

LD50, Rat, > 20,000 mg/kg

*Acute dermal toxicity:* Prolonged skin contact is unlikely to result in absorption of harmful amounts. LD50, Rabbit, > 2,000 mg/kg No deaths occurred at this concentration.

*Acute inhalation toxicity:* At room temperature, exposure to vapor is minimal due to low volatility. Mist may cause irritation of upper respiratory tract (nose and throat).

LC50, Rabbit, 2 Hour, Aerosol, 317.042 mg/l No deaths occurred at this concentration.

#### Skin corrosion/irritation

Prolonged contact is essentially nonirritating to skin. Repeated contact may cause flaking and softening of skin.

#### Serious eye damage/eye irritation

May cause slight temporary eye irritation. Corneal injury is unlikely.

#### Sensitization

Did not cause allergic skin reactions when tested in humans.

#### Specific Target Organ Systemic Toxicity (Single Exposure)

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

#### Specific Target Organ Systemic Toxicity (Repeated Exposure)

In rare cases, repeated excessive exposure to propylene glycol may cause central nervous system effects.

#### Carcinogenicity

Did not cause cancer in laboratory animals.

#### Reproductive toxicity

In animal studies, did not interfere with reproduction. In animal studies, did not interfere with fertility.

#### Mutagenicity

In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.

#### Aspiration Hazard

Based on physical properties, not likely to be an aspiration hazard.

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### SECTION XII – ECOLOGICAL INFORMATION

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: No data

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### SECTION XIII – DISPOSAL CONSIDERATIONS

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Waste disposal method : Do not dump into any sewers, on the ground, or into any body of water. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. For unused and uncontaminated product, the preferred options include sending to a licensed, permitted: recycler, reclaimer, incinerator, or other thermal destruction device.

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### SECTION XIV - TRANSPORTATION AND LABELING

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DOT Proper Shipping Name : None

DOT Hazard Class : None

DOT ID Number (UN#) : None

Precautionary Labels : None

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### SECTION XV –REGULATORY INFORMATION

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: No data

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### SECTION XVI – OTHER INFORMATION

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Contact information: (281) 443-8686

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. It is obtained from sources believed to be reliable. However, no warranty, express or implied is given. Regulatory requirements are subjected to change and may differ from one location to another. It is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. The MSDS was prepared, and is to be used, only with this product. See MSDS for health and safety information.

TSCA Inventory Status – Ingredients in this product are on the TSCA Inventory, STATEMENT of CONFIDENTIALITY; This information is provided for the sole purpose of health, safety & regulatory compliance to your company and its employed. This information MAY NOT be shared or used for the purpose of manufacturing, developing or selling like products, or distributed to non-pertinent entities.