



Safety Data Sheet

Issue Date: 19-Aug-2009

Revision Date: 30-Mar-2016

Version 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name United 40 Puncture Sealing Innovation

Other means of identification

SDS # UNITED-40

Recommended use of the chemical and restrictions on use

Recommended Use Super Duty Tire Sealant

Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet

Supplier Address

United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

Emergency Telephone Number

Company Phone Number 800-323-2594 (to reorder)
Emergency Telephone (24 hr) INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance Grayish colored with black specks, paste

Physical State Paste

Odor Slight odor

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29CFR.1200).

Hazards Not Otherwise Classified (HNOC)

There are no other hazards not otherwise classified that have been identified.

0% of the mixture consists of component(s) of unknown toxicity.

Hazard Statements

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Glycerol	56-81-5	25-50%
Attapulgite (Palygorskite)	12174-11-7	2, 5-10%
Cellulose	9004-34-6	≤2, 5%
Quartz	14808-60-7	≤ 2,5%

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

- Eye Contact** Remove contact lenses if worn.
- Skin Contact** Generally the product does not irritate the skin.
- Inhalation** Supply fresh air; consult doctor in case of complaints.
- Ingestion** Unlikely route of exposure. Do not induce vomiting; call for medical help immediately.

Most important symptoms and effects

- Symptoms** No more relevant information.

Indication of any immediate medical attention and special treatment needed

- Notes to Physician** No more relevant information.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water fog. Dry chemical. Chemical foam. Carbon dioxide (CO2).

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Under certain fire conditions, traces of other toxic gases cannot be excluded.

Hazardous Combustion Products Smoke, fumes, oxides of carbon.

Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Personal Precautions** Ensure adequate ventilation.
- Environmental Precautions** Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up

- Methods for Containment and clean-up** Allow to solidify. Pick up mechanically. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Keep receptacles tightly sealed. No special measures required.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed. Store in a cool, dry, well-ventilated area.

Incompatible Materials Strong oxidizing agents , strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerol 56-81-5	-	15mg/m ³ total dust mist 5mg/m ³ respirable fraction	-
Cellulose 9004-34-6	10 mg/m ³	15 mg/m ³ total dust 5mg/m ³ respirable fraction	-
Quartz 14808-60-7	0.025 mg/m ³ Respirable fraction	0.05 mg/m ³ (REL) Respirable fraction	-

Appropriate engineering controls

Engineering Controls Local exhaust ventilation is recommended.

Individual protection measures, such as personal protective equipment

Eye/Face Protection None required.

Skin and Body Protection No chemical-protective gloves required. Wear gloves for the protection against mechanical hazards according to NIOSH or EN 388. Strong material gloves recommended.

Respiratory Protection None required if good ventilation is maintained.

General Hygiene Considerations The usual precautionary measures are to be adhered to when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Paste	Odor	Mild scent
Appearance	Grayish with black specks paste		
Color	Grayish with black specks		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8.5-10	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	104.4 °C / 220 °F	
Flash Point	>93.3°C / >200 °F	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Non-flammable	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	

Specific Gravity	~1.18	(Water = 1)
Water Solubility	Emulsifiable	
Solubility in other solvents	Not determined	
Density at 20°C (68°F)	1.138± 0.05 g/cm ³ (9.497±0.417 lbs/gal)	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Does not present an explosion hazard	
Oxidizing Properties	Not determined	
VOC Content	None	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to Avoid

Incompatible Materials.

Incompatible Materials

Strong oxidizing agents, strong acids.

Hazardous Decomposition Products

When strongly heated, as in a fire, this product may produce oxides of carbon, hydrocarbons, nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Avoid contact with eyes.
Skin Contact	Prolonged contact with skin may cause irritation.
Inhalation	Do not inhale. No evidence of adverse effects from available information.
Ingestion	Do not swallow.

Component Information

Information on physical, chemical and toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
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Carcinogenicity	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Reproductive toxicity	No information available.
STOT-single exposure	No information available.
STOT-repeated exposure	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity
 Not determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity
 Not determined.

Persistence/Degradability
 This product is partially biodegradable. Significant residuals remain.

Bioaccumulation
 Does not accumulate.

Mobility
 Not determined.

Additional ecological information
 Generally not hazardous for water. Due to the consistence of the product a disperse distribution into the environment is not possible.

Other adverse effects
 No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. Smaller quantities can be disposed of with household waste.

Recommended cleansing agent Water, if necessary together with cleansing agents.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated.

IATA Not regulated.

IMDG Not regulated.

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory- Listed

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List - Listed

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. References to chemical components listed below are based on unbound respirable particles and are not generally applicable to product as supplied. Attapulgate (Palygorskite) 12174-11-7, Quartz – 14808-60-7.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards 0	Flammability 1	Instability 0	Special Hazards Not determined
<u>HMIS</u>	Health Hazards 0*	Flammability 1	Physical Hazards 0	Personal Protection A

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet