



24 Hour Emergency:
INFOTRAC: 1-800-535-5053

NOTE: INFOTRAC emergency number to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical Product / Company Information

Product Name: ANCOLITE GLAZE CLEANER, JELL Revision Date: 01/15/2011
Identification Number: MS-408
Supplier: JELL Chemicals, Inc.
9353 Seymour Ave
Schiller Park, Illinois 60176
(847) 233-0510

Section 2 - Composition / Information On Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Wt % Less Than</u>	<u>ACGIH TLV- TWA</u>	<u>ACGIH TLV- STEL</u>	<u>OSHA PEL- TWA</u>	<u>OSHA PEL- Ceiling</u>
Toluene	108-88-3	55.0	100 ppm	150 ppm	200 ppm	300 ppm
Methanol	67-56-1	25.0	200 ppm	250 ppm	200 ppm	
2-propanone	67-64-1	25.0	500 ppm	750 ppm	1000 ppm	

Section 3 - Hazards Identification

*** EMERGENCY OVERVIEW ***: Extremely flammable liquid and vapor. Poison, May be fatal or cause blindness if swallowed. Can cause permanent injury to the eyes.

Effects Of Overexposure - Eye Contact: Causes eye irritation.

Effects Of Overexposure - Skin Contact: Skin absorption may add significantly to the overall toxic effect. Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Personnel with pre-existing skin disorders should avoid contact with this product.

Effects Of Overexposure - Inhalation: Breathing in the material may irritate the mucous membranes of the nose, throat bronchi and lungs. Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor (CNS depression). Overexposure to vapors may produce central nervous system depression, causing narcosis. May cause dizziness and drowsiness.

Effects Of Overexposure - Ingestion: Poison, May be fatal or cause blindness if swallowed. Harmful or fatal if liquid is aspirated into lungs. Cause (target organ or system) damage. (e.g., lung, nervous system, blood disorders, liver, kidney, immune system, cardiovascular system, thyroid, testicular, ovarian, etc.). Can be readily absorbed by the stomach and intestinal tract. Symptoms include burning sensation of the mouth and esophagus, nausea, vomiting, dizziness, staggering gait, drowsiness, loss of consciousness and delirium as well as additional central nervous system effects. May cause diarrhea.

Effects Of Overexposure - Chronic Hazards: Material is slowly eliminated from the body, therefore it can have cumulative toxicity effects with repeated exposures. Possible reproductive hazard. Possible brain damage from overexposure. May cause delayed lung damage. Significant exposure to this chemical may adversely affect people with chronic disease of the respiratory system, central nervous system, kidney, liver, skin, and/or eyes.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Ingestion, Eye Contact

Section 4 - First Aid Measures

First Aid - Eye Contact: Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly. Remove contact lenses if worn.

First Aid - Skin Contact: Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately and clean shoes before reuse.

First Aid - Inhalation: Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention. To prevent aspiration, keep head below knees.

First Aid - Ingestion: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5 - Fire Fighting Measures

Flash Point, F: <25
(TCC)

Lower Explosive Limit, %: N.D.
Upper Explosive Limit, %: N.D.

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Fog

Unusual Fire And Explosion Hazards: Extremely flammable liquid and vapor. Vapors/dust may form explosive mixture with air. Vapors can travel to a source of ignition and flash back. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning. Closed container may explode under extreme heat.

Special Firefighting Procedures: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Do not use water jet (frothing possible). Use water with caution. Material will float and may ignite on surface of water. Water may be ineffective in fighting the fire. Water spray to cool containers or protect personnel. Use with caution. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

Section 6 -Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.) Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Use water mist or spray to disperse vapors. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Collect spilled materials for disposal. Remove from surface by skimming or with suitable absorbents. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Recover by pumping (use an explosion proof or hand pump).

Section 7 -Handling And Storage

Handling: Use only in a well ventilated area. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. Material accumulates static charge (ignition source). When transferring, follow proper grounding procedures. Use spark-resistant tools. Do not load into compartments adjacent to heated cargo. Use explosion proof equipment. Always open containers slowly to allow any excess pressure to vent. Follow all MSDS/label precautions even after containers are emptied because they may retain product residues.

Storage: Keep away from heat, sparks, and flame. Containers can build up pressure if exposed to heat (fire). Store containers in a cool, well ventilated place. Keep container closed when not in use. Material is a static accumulator which has the potential of forming ignitable vapor-air mixtures in storage tanks.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Use explosion-proof ventilation equipment.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant the use of a respirator.

Skin Protection: Wear impervious gloves to prevent contact with the skin. Wear protective gear as needed - apron, suit, boots. Where splashing is possible, full chemically resistant protective clothing (e.g. acid suit) and boots are required.

Eye Protection: Wear safety glasses with side shields (or goggles) and a face shield.

Other protective equipment: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Hygienic Practices: Avoid breathing vapors. Do not eat, drink, or smoke in areas where this material is used. Remove contaminated clothing and wash before reuse. Wash hands before eating. Wash thoroughly after handling.

Section 9 - Physical And Chemical Properties

Boiling Range:	N.D. - N.D.	Vapor Density:	>1 (air=1)
Odor:	Typical	pH:	N.D.
Appearance:	Clear, transparent purple liquid	Evaporation Rate:	<1 (n-butyl acetate=1)
Solubility in H2O:	Partial	Viscosity:	N.D.
Freeze Point:	N.D.	Specific Gravity:	0.8338
Vapor Pressure:	N.D.		
Physical State:	Liquid		

(See section 16 for abbreviation legend)

Section 10 - Stability And Reactivity

Conditions To Avoid: Avoid impact, friction, heat, sparks, flame and source of ignition.

Incompatibility: Avoid contact with hydrogen peroxide, chromic anhydride, nitric acid, mixed nitric/sulfuric acid, nitrosyl perchlorate, permonosulfuric acids, potassium tert-butoxide, sodium hypobromite, chlorinated melamine. Prevent contact with strong oxidizing agents. Prevent contact with halogens. Keep separate from alkalies. Keep away from acids.

Hazardous Decomposition: Combustion can lead to formation of formic acid. During combustion carbon dioxide may be formed. During combustion carbon monoxide may be formed. Combustion can lead to the formation of formaldehyde.

Hazardous Polymerization: N.D.

Stability: N.D.

Section 11 - Toxicological Information

Product LD50:

Product LC50:

Chemical Name	LD50 mg/kg	LC50 mg/L
Toluene	30.0	7000 .0
Methanol	5628.0	64000.0
2-propanone	5800.0	120 .0

Section 12 - Ecological Information

Ecological Information: N.D.

Section 13 - Disposal Information

Disposal Information: Dispose of waste in accordance with all local, state and federal regulations.

For assistance with your waste management needs, contact JELL CHEMICALS at (210)275-4541

Section 14 - Transportation Information

DOT Proper Shipping Name: Flammable liquids, n.o.s. (toluene, acetone)

Packing Group: II

DOT Hazard Class: 3

DOT UN/NA Number: UN1993

Hazard Subclass:

ERG # 128

The listed Transportation Information applies only to ground transport and does not address regulatory variations due to changes in package size, mode of shipment, or other regulatory descriptors.

Section 15 -Regulatory Information

CERCLA –SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD

SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372:

Chemical Name	CAS Number
Toluene	108-88-3
Methanol	67-56-1

Toxic Substances Control Act:

All components of this product are listed or are exempt from listing on the TSCA 8(b) inventory. If identified components of this product are listed under the TSCA 12(b) export notification rule, they will be listed below:

Chemical Name	CAS Number
Red dye	

U.S. State Regulations: As follows –

New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product.

Pennsylvania Right-to-Know:

The following non-hazardous ingredients are present in the product at greater than 3%.

California Proposition 65:

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

<u>Chemical Name</u>	<u>CAS Number</u>
Toluene	108-88-3

Warning: The following ingredients present in the product are known to the state of California to cause birth defects or other reproductive hazards.

<u>Chemical Name</u>	<u>CAS Number</u>
Toluene	108-88-3
Red dye	
Xylene	1330-20-7

International Regulations:

CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

Section 16 - Other Information

HMIS Ratings:

Health: 2

Flammability: 3

Reactivity: 0

Personal Protection: X

VOLATILE ORGANIC COMPOUNDS, g/L: 634

REASON FOR REVISION:

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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