

**Albi Manufacturing**

Division of StanChem, Inc

401 Berlin Street

East Berlin, CT 06023

Emergency Telephone Number: CHEMTREC 1-800-424-9300

Information Telephone Number: 860-828-0571

Date of Preparation: 5/14/2018

Section I – Product Identification

Product Number: 15x0400 series
Product Name: Albi Cote 144
Product Class: Fire Inert Coating

Section II –Hazard Identification**Hazard Classification:** Flammable Liquid**Symbol:****Signal Word:** Danger**Hazard Statements:** Flammable Liquid and Vapor. Irritating to the skin. Causes serious eye irritation
May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.
Harmful to aquatic life**Precautionary Statements:**

Keep container tightly closed. Use only non sparking tools.
Keep away from heat and flames.
No Smoking. Containers must be properly grounded before beginning transfer.
Do not breathe vapors. Do not contact eyes, skin and clothing.
Wear protective gloves. Wash hands thoroughly after using
Dispose of in accordance with local, regional, national, international regulations as specified

Section III-Hazardous Ingredients

Ingredient	Percent Wt.	Occupational Exposure Limits					Vapor Pressure @20°C (mmHg)
		ACGIH TLV (ppm)	OSHA TWA (ppm)	OSHA STEL (ppm)	Ceiling (ppm)	Skin	
t-Butyl Acetate CAS #[540-88-5]	5.0-7.0%	200	200	200	NE	NE	34
Mineral Spirits CAS#8032-32-4	16.0-18.0%	100	100				<10
Butyl Carbitol CAS#112-34-5	1.0-2.0%	NE	NE				

Section IV- First Aid Measures

First Aid Procedures:

Inhalation:	Remove individual to fresh air. Administer oxygen if breathing is difficult. Consult a physician
Skin:	Wash thoroughly with soap and water. Remove contaminated clothing
Eyes:	Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.
Ingestion:	Do not induce vomiting. Immediately call a Physician or the Poison Control Center.

Section V – Fire and Explosion Hazard Data

Flammability Classification:

OSHA	Flammable Liquid – Class 1B
DOT	Flammable Liquid, PGIII
Flash Point	90°F (4°C) TCC - ASTM D-56-79
LEL	1.7% at 212° F

Extinguishing Media:

Foam Alcohol Foam CO₂ Dry Chemical Fog

Unusual Fire and Explosion Hazards:

Keep container tightly closed. Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. Vapors are heavier than air. Vapors may travel across the ground and reach remote ignition source causing a flashback fire. Use water to keep exposed containers cool. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

Section VI – Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled

Avoid all sources of ignition. Ventilate area. Stop spill at source, dike to prevent spreading. Pump liquid into containers. The remainder should be removed with inert absorbent. Use non-sparking tools.

Section VII – Safe Handling and Storage

Handling:

Use only non sparking tools. Keep away from heat and flames. Containers must be properly grounded before beginning transfer. Empty containers may contain product residue; follow MSDS and label warnings even after the container has been emptied.

Storage:

Store closed drums with bung up position. Store only in tightly closed properly vented containers.

Section VIII – Exposure Controls and Personal Protection

Respiratory Protection:

Approved chemical/mechanical filters designed to remove a combination of organic vapors and solid airborne particles from overspray during application.

Ventilation:

Local exhaust as required by job conditions to keep TLV below acceptable limits. Refer to OSHA regulations 29 CFR Part 1910.94.

Protective Gloves:

Wear chemical resistant gloves

Eye Protection:

Use safety eyewear with splash guards or side shields

Other Protective Equipment:

Wear protective clothing

Hygienic Practices: Eye wash and shower should be available. Use under well ventilated conditions. Personnel should wash thoroughly after handling product. Always wash-up before eating, smoking or using the toilet facilities. Do not breathe vapor, do not contact eyes, skin and clothing.

Precautions To Be Taken in Handling and Storing: Keep away from heat or open flames

Other Precautions: Avoid contact with eyes and skin

Section IX – Physical Data

Boiling Point	208° - 310°F (82° - 177°C)
Weight per Gallon	12.1-12.3 lb./gal
Percent Volatility	25.0 – 27.0 %
Viscosity	85-110 KU
Solids	73.0-75.0%
VOC content:	317 g/L

Section X – Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will Not Occur

Hazardous Decomposition Products: Combustion may produce carbon dioxide and/or carbon monoxide.

Conditions To Avoid: Heat, sparks, open flame, other ignition sources, and oxidizing conditions

Incompatibility [Materials to avoid]: Strong oxidizing agents

Section XI – Toxicological Information

Primary Routes of Exposure

Eye Contact
Skin Contact
Inhalation
Ingestion

Medical Conditions Prone to Aggravation by Exposure: Sinus Dermatitis

Product Toxicology

<u>Carcinogenicity:</u>	NTP?	No
	IARC Monographs?	No
	OSHA Regulated?	No

Section XII – Ecological Information

Potential to Bioaccumulate: Unknown

Aquatic Toxicity: No data available for this product

Section XIII – Disposal Considerations

Waste Disposal Methods:

Disposal should be in accordance with local, state and national regulations.

Section XIV – Transportation

Proper Shipping Name: 15X0400
Technical Name: Paint
Identification Number: UN1263
Hazard Class/Division: 3 (Flammable Liquid)
Packing Group: III

Section XV – Regulatory Information

TSCA

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

SARA 313 Reporting

A number of the constituents within the formulation are required to be reported under this regulation.

California Prop 65 Warning: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Section XVI – Other Information

Hazard Rating Systems

<u>NFPA 704*</u>		<u>HMIS**</u>		Key:	0 - Insignificant;
Health:	2	Health:	2	1=Slight	2 = Moderate;
Flammability	3	Flammability	3	3=High	4= Extreme;
Reactivity	1	Reactivity	1	I= Respirator, Eye Protection and gloves	
		Personal Protection	I		

*National Fire Protection Association rating identifies the severity of hazards of material during a fire emergency (i.e., “on fire”)

**Hazardous Materials Identification System, National Paint and Coatings Association rating applies to product “as packaged” (i.e., ambient temperature)

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