



Albi Manufacturing

Division of StanChem, Inc.
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Date of Preparation: 10/4/06

Section I - Product Identification

Product Number: 15X0100
Product Name: Albi Cote 107A
Product Class: Fire Retardant Coating

Section II - Hazardous Ingredients

| A blend of aromatic and aliphatic hydrocarbons that include: | Occupational Exposure Limits | | | | Skin | Vapor Pressure @20°C (mmHg) |
|--|------------------------------|-----------------|-----------------|---------------|------|-----------------------------|
| | ACGIH TLV (ppm) | ACGIH TWA (ppm) | OSHA STEL (ppm) | Ceiling (ppm) | | |
| Solvent Naphtha, Heavy aromatic CAS #[64742-94-5] | NE | NE | NE | | | |
| Naphthalene CAS #[91-20-3] | 10 | 10 | | | | |
| Aromatic Petroleum Distillates CAS #[64742-95-6] | NE | NE | NE | | | |
| Aliphatic Hydrocarbons (Stoddard) CAS #[8052-41-3] | 100 | 100 | | | | |
| 1, 2, 4 Trimethyl Benzene CAS #[95-63-6] | 25 | 25 | | | | |
| 1, 3, 5 Trimethyl Benzene CAS #[108-67-8] | 25 | 25 | | | | |
| Xylene* CAS #[1330-20-7] | 100 | 100 | 150 | | | 7.5 |

* Contains ethylbenzene CAS #[100-41-4]

Section III - Physical Data

Boiling Range: 308°F - 335°F
Vapor Density: Heavier Than Air
Evaporation Rate: Faster Than Butyl Acetate
VOC Content (g/l): 427
Weight per Gallon: 10.1 - 11.1 #/gal

Section IV - Fire and Explosion Hazard Data

Flammability Classification:

OSHA: Combustible Liquid - Class II
DOT: Combustible Liquid
Flash Point: 101°F (Tag Open Cup ASTM D-56-79)
LEL: 1.0%

Extinguishing Media: Foam Alcohol Foam CO₂ Dry Chemical Fog

Unusual Fire and Explosion Hazards: Water may be used to cool containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Special Firefighting Procedures: Use self contained breathing apparatus and protective clothing. Fight as volatile liquid fire. Use water spray or fog, foam dry chemical or CO₂. Closed containers may explode when exposed to extreme heat. Use water to keep exposed containers cool. Use supplied air breathing equipment for enclosed or confined spaces or as otherwise needed.

Section V - Health Hazard Data

| | | |
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| Effects of Overexposure: | Inhalation: May cause respiratory tract irritation and/or anesthesia in high concentrations. Skin: May cause irritation, defatting upon prolonged and repeated contact. Eyes: Highly irritating. May result in vomiting, aspiration (breathing in) of liquid into lungs must be avoided. | |
| Medical Conditions Prone to Aggravation by Exposure: | Sinus and Dermatitis | |
| Primary Route(s) of Entry: | Dermal | Inhalation |
| Carcinogenicity: | NTP? | No |
| | IARC Monographs? | Ethyl Benzene - Group 2B |
| | OSHA Regulated? | No |
| Emergency and First Aid Procedures: | Inhalation: Remove individual to fresh air. Administer oxygen if breathing is difficult. 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. | |

Section VI - Reactivity Data

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| Stability: | Stable |
| Hazardous Polymerization: | Will Not Occur |
| Hazardous Decomposition Products: | Combustion may produce carbon dioxide, carbon monoxide, and/or various hydrocarbons. |
| Conditions To Avoid: | None |
| Incompatibility (materials to avoid): | Oxidizing agents, selected amines |

Section VII - Spill or Leak Procedures

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| Steps to be Taken in Case Material is Released or Spilled: | Avoid all sources of ignition. Avoid breathing vapors. Ventilate area. Stop spill at source; dike area to prevent spreading. Pump liquid into containers. Spilled material should be removed with inert absorbent, using non-sparking tools. |
| Waste Disposal Method: | Dispose of in accordance with local, state and federal regulations. |

Section VIII - Safe Handling and Use Information

| | |
|------------------------------------|---|
| 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 impervious gloves |
| Eye Protection: | Use safety eyewear with splash guards or side shields. |
| Other Protective Equipment: | Wear protective clothing |
| Hygienic Practices: | Personnel should wash thoroughly after handling product. Always wash up before eating, smoking or using toilet facilities. |

Section IX - Special Precautions

| | |
|---|---|
| Precautions To Be Taken in Handling and Storing: | Keep product containers cool, dry and away from sources of ignition. |
| Other Precautions: | Avoid contact with eyes and skin. Avoid breathing vapors and spray mist during application. |

Section X - Regulatory Information

| | | | |
|----------------------------|---------------------------|----------------------|--------|
| SARA Components: | Component | CAS# | Vol. % |
| | Naphthalene | 91-20-3 | 1-7 |
| | 1, 2, 3 Trimethyl Benzene | 95-63-6 | 0-1.5 |
| | Xylene | 1330-20-7 | 7.0 |
| | Benzene | 71-43-2 | 0.001 |
| California Prop 65: | Cancer List: | Naphthalene, Benzene | |
| | Reproductive Harm: | Benzene, Toluene | |

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