M A T E R I A L S A F E T Y D A T A S H E E T

I. IDENTIFICATION

MANUFACTURED FOR Liberty Bell Equipment Corp.
810 N. Jefferson Ave.
St. Louis, MO 63106

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24 Hour Emergency Telephone
CHEMTREC 1-800-424-9300

General Information:
Mon-Fri 8 AM - 5 PM
712-737-4993

TRADE NAME: FINISH PRO AE ARCTIC WHITE

MFG. PRODUCT NUMBER: FPR-30014

II. HAZARDOUS INGREDIENTS

CAS #1330-20-7 Xylene — WT %: 20-50 — Footnote: (1)
ACGIH TLV: 100 ppm — ACGIH STEL: 150 ppm
OSHA PEL: 100 ppm — OSHA CEILING: NE — OSHA PEAK: NE
VAPOR PRESSURE: 7 mmHg@20C — LEL%: 1

CAS #100-41-4 Ethyl Benzene — WT %: 5-20 — Footnote: (2)
ACGIH TLV: 100 ppm — ACGIH STEL: 125 ppm
OSHA PEL: 100 ppm — OSHA CEILING: NE — OSHA PEAK: NE
VAPOR PRESSURE: 10 mmHg@20C — LEL%: 1

CAS #64742-95-6 Aromatic 100 — WT %: 5-20 — Footnote: (1)
ACGIH TLV: 25 ppm TWA — ACGIH STEL:
OSHA PEL: 25 ppm TWA — OSHA CEILING: — OSHA PEAK:
VAPOR PRESSURE: 2.7mmHg20c — LEL%: 0.9

CAS #95-63-6 1,2,4 Trimethyl Benzene — WT %: 1-5 — Footnote: (1)
ACGIH TLV: 25 ppm TWA — ACGIH STEL:
OSHA PEL: — OSHA CEILING: — OSHA PEAK:
VAPOR PRESSURE: — LEL%:

CAS #64742-48-9 Mineral Spirits — WT %: 1-5 — Footnote: (1)
ACGIH TLV: 100 ppm TWA — ACGIH STEL:
OSHA PEL: 500 ppm TWA — OSHA CEILING: — OSHA PEAK:
VAPOR PRESSURE: 2.7 mm@20c — LEL%:

CAS #64742-89-8 V M & P — WT %: 1-5 — Footnote: (1)
ACGIH TLV: 300 ppm TWA — ACGIH STEL: 400 ppm
OSHA PEL: 300 ppm TWA — OSHA CEILING: — OSHA PEAK:
VAPOR PRESSURE: 10.2mmHg68F — LEL%: 0.9%

WARNING MESSAGES:
(1) Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Chronic exposure may cause damage to the central nervous system, respiratory system, lung, eye, skin, liver, gastrointestinal tract, spleen, kidneys, and blood.
(2) International Agency for Research on Cancer (IARC) Monograph Volume 77 (2000) concluded that Ethylbenzene is "possibly carcinogenic to humans (Group 2B)" based on inadequate evidence in humans and sufficient evidence in experimental animals.
(3) See Section IX for reportable Hazardous Air Pollutants.

III. PHYSICAL DATA

BOILING RANGE: 240-385° F

EVAPORATION RATE: * slower than ether *

PERCENT VOLATILE BY VOLUME: 61.28% WEIGHT PER GALLON: 9.59 LBS

VAPOR DENSITY: * heavier than air *

ACTUAL VOC (lb/gal): 4.32
EPA VOC (lb/gal): 4.32 EPA VOC (g/L): 517.71

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 26° C 78° F LEL: Refer to Section II

FLAMMABILITY CLASSIFICATION: CLASS 1C

HAZARD CLASSIFICATION: *Flammable Liquid

EXTINGUISHING MEDIA: *carbon dioxide, dry chemical, or fire foam*

UNUSUAL FIRE AND EXPLOSION HAZARDS: keep away from heat, sparks, and flame.

SPECIAL FIRE FIGHTING PROCEDURES: Water is unsuitable, but may be used to cool closed containers.

V. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See Section II.

EFFECTS OF OVEREXPOSURE:

Acute- High vapor concentrations are irritating to the eyes and the respiratory tract, and may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death. Product has a low order of acute oral and dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

Chronic- Xylene contains ethylbenzene which has been classified as a possible carcinogen to humans, Group 2B, by the International Agency for Research on Cancer(IARC), based on sufficient evidence in laboratory animals but inadequate evidence for cancer in humans. Prolonged or repeated overexposure to ethylbenzene may cause the following: kidney effects, liver effects, lung effects, thyroid effects, testicular effects, pituitary effects.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: consult physician

PRIMARY ROUTE(S) OF ENTRY: Skin and Inhalation

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. Restore breathing. Treat symptomatically. Consult a physician.

EYES: Flush immediately with large amounts of water for at least 15 minutes. Talk to a physician for medical treatment.

SKIN: Wipe off with towel. Wash with soap and water. Remove contaminated clothing.

INGESTION: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by a medical personnel. Never give anything by mouth to an unconscious person.

VI. REACTIVITY DATA

STABILITY: *stable* HAZARDOUS POLYMERIZATION: *will not occur*

INCOMPATIBILITY: * unknown *

HAZARDOUS DECOMPOSITION PRODUCTS: Fire, burning and welding may generate carbon monoxide.

CONDITIONS TO AVOID: Fire, burning, and welding.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Remove all sources of ignition (flames, hot surfaces and electrical, static or frictional sparks). Avoid breathing vapors. Ventilate area. Use non-sparking tools. Remove with inert absorbant.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: In confined areas of poor ventilation, use chemical cartridge respirator or self-contained breathing apparatus.

VENTILATION: Provide general dilution or local exhaust ventilation in volume and pattern to keep TLV and LEL of most hazardous ingredient in Section II, below acceptable limit.

PROTECTIVE GLOVES: None required except for prolonged contact.

EYE PROTECTION:
Splash proof eye goggles. In emergency situations, use eye goggles with a full face shield.

OTHER PROTECTIVE EQUIPMENT: *none*

HYGIENIC PRACTICES: See Section V

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
Do not store near heat, sparks, or flame.

OTHER PRECAUTIONS: * none *

LIST OF HAZARDOUS AIR POLLUTANTS SUBJECT TO THE PROVISIONS OF THE CLEAN AIR ACT, TITLE I SECTION 112 'National Emission Standards for Hazardous Air Pollutants':

Ingredient	CAS #	Wt% of HAPS in product	Pounds HAPS/ Gal product
Xylene	1330-20-7	23.9 %	2.3
Ethyl Benzene	100-41-4	5.2 %	0.5