

SMITH & CO.
5100 CHANNEL AVENUE
RICHMOND, CA 94804
510-237-6842

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **LIGNU IMPREGNATING RESIN PART A**
INFOTRAC 24 HOUR EMERGENCY PHONE NO.: 1-800-535-5053
MANUFACTURER: SMITH & CO.
5100 CHANNEL AVENUE, RICHMOND CA 94804
510-237-6842
REVISED: 3/17/2005

SECTION II - INGREDIENTS

Hazardous Ingredients	CAS #	OSHA PEL	ACGIH TL	WEIGHT%
Aromatic Hydrocarbon	64742-95-6	100 PPM (TWA)	100 PPM (5MIN)	< 50
Xylene (Xylol)	1330-20-7	100 PPM (TWA)	100 PPM (TWA)	< 50
Toluene (Toluol)	108-88-3	100 PPM (TWA)	100 PPM (TWA)	< 50
Isopropyl Alcohol (2-Propanol)	67-63-?	400 PPM (TWA)	400 PPM (TWA)	< 50
2-Butanone	78-93-3	200 PPM (TWA)	200 PPM (TWA)	< 50
4-Methyl 2-Pentanone	108-10-1	100 PPM (TWA)	75 PPM (TWA)	< 50
2-Heptanone	110-43-0	100 PPM (TWA)	50 PPM (TWA)	< 50
4-Methyl 2-hexanone	110-12-3	50 PPM (TWA)	50 PPM (TWA)	< 50
2-Pentanone	107-87-9	200 PPM (TWA)	250 PPM (TWA)	< 50
Dipropylene Glycol Monomethylether	034590-94-8	100 PPM (TWA)	150 PPM (TWA)	< 50
Diisobutyl Ketone	108-83-8	25 PPM (TWA)	25 PPM (TWA)	< 50
Ethyl Acetate	141-78-6	N/A	400 PPM (TWA)	< 50
Isobutyl Acetate	110-19-0	N/A	150 PPM (TWA)	< 50
Ethyl 3-Ethoxy Propionate	763-69-9	N/A	50 PPM (TWA)	< 50
Propylene Glycol Monomethylether Acetate	108-65-6	N/A	1000 PPM (TWA)	< 50
Hexyl Acetate	7789-99-3	N/A	50 PPM (TWA)	< 50
Isobutyl Isobutyrate	97-85-8	100 PPM (TWA-MFGR)	N/A	< 50
Diacetone Alcohol	123-42-2	50 PPM (TWA)	50 PPM (TWA)	< 50
Cyclohexanone	108-94-1	50 PPM (TWA)	25 PPM (skin)	< 50

Suspected Cancer Agent: NO

SECTION III - HAZARDS IDENTIFICATION

*** EMERGENCY OVERVIEW ***

DANGER!

Flammable liquid
Causes severe skin and eye irritation or burns.
May cause irritation of respiratory tract.
Clear liquid with solvent odor. Part A has an amber tint. Part B is relatively colorless.

SKIN CONTACT:

Causes severe skin irritation or burns. Not considered toxic by skin absorption but prolonged exposure may result in absorption of harmful amounts.

EYE CONTACT:

Causes severe eye irritation or burns. May cause permanent visual impairment.

INHALATION:

Excessive inhalation can cause respiratory irritation, dizziness, nausea, headache, unconsciousness, or asphyxiation.

INGESTION:

May cause gastrointestinal irritation, burns or ulceration. May cause nausea, vomiting or diarrhea.

CHRONIC EFFECTS:

Dermatitis, chemical pneumonia, central nervous system excitation, injury to bone marrow, blood, liver, kidneys, heart, testes, apprehensiveness, memory impairment, tingling of skin, tremors, impaired lung function, weakness, vertigo. May aggravate existing skin, eye, lung, kidney, liver, heart, blood, and nervous system conditions.

OTHER HEALTH EFFECTS:

None known to Smith & Co.

PRIMARY ROUTES OF EXPOSURE: Inhalation, skin.

SECTION IV - FIRST AID MEASURES

SKIN CONTACT:

Immediately flush with water for at least 15 minutes while removing contaminated clothing. Call a physician.

EYE CONTACT:

Immediately flush with water for at least 15 minutes. Call physician.

INHALATION:

Move to fresh air. If breathing is labored, administer oxygen. If breathing has stopped, administer artificial respiration and seek emergency medical assistance.

INGESTION:

Do not induce vomiting. Give a large quantity of milk or water. Do not give fluids to an unconscious person. Call a physician.

SECTION V - FIRE FIGHTING MEASURES

FLASH POINT: 53° Tag closed cup

LFL: Not determined

UFL: Not determined

AUTOIGNITION TEMP:

Not determined

RECOMMENDED EXTINGUISHING MEDIA:

Water spray, foam, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES:

Cool fire-exposed containers with water. When fire fighting, wear full protective equipment including self-contained breathing apparatus.

UNUSUAL FIRE OR EXPLOSION HAZARDS:

Heating may cause pressure build-up and possible rupture of the container. May produce hazardous fumes or hazardous decomposition products.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon monoxide and carbon dioxide, oxides of nitrogen, partly decomposed organic compounds.

SECTION VI - ACCIDENTAL RELEASE MEASURES

STEPS TO TAKE IN CASE OF SPILL OR LEAK:

Remove ignition sources. Add dry material to absorb spill. (if large spill, dike to contain). Using recommended protective and explosion-proof equipment, pick up and containerize for recovery or disposal. Flush area with water, collect for disposal.

SECTION VII - HANDLING AND STORAGE

Do not store or handle product in the presence of heat, sparks or open flame. Ground and bond container when transferring.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION:

Chemical goggles.

SKIN PROTECTION:

Rubber or plastic gloves.

RESPIRATORY PROTECTION:

Not applicable with local exhaust.

Respirator with organic vapor cartridge.

ENGINEERING CONTROLS:

Local exhaust.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE: Amber Liquid

ODOR: Solvent

PH: Not determined

MELTING POINT: Not determined

BOILING POINT: Not determined

SPECIFIC GRAVITY: 0.75-0.9 g/cc

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES - CONTINUED

SOLUBILITY IN WATER: Appreciable (>10%)
PERCENT VOLATILES (by weight): Not determined
VAPOR DENSITY: Heavier than air
VAPOR PRESSURE: < 30 MM Hg
EVAPORATION RATE (N-BUTYL ACETATE=1): Not determined
VOC CONTENT (EPA Method 24): Not determined

SECTION X - STABILITY AND REACTIVITY

STABILITY:

Normal stable

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBLE MATERIALS:

Acid and/or base.

CONDITIONS TO AVOID:

Heating may cause pressure build-up and possible rupture of the container.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide and carbon dioxide, oxides of nitrogen, partly decomposed organic compounds.

SECTION XI - TOXICOLOGICAL INFORMATION

No toxicity information available or testing conducted on this product. Any health or toxicological information included in Section III was based on data associated with the components or an analogue product.

SECTION XII - ECOLOGICAL INFORMATION

ECOLOGICAL TOXICITY:

Not determined.

ENVIRONMENTAL FATE:

Not determined.

SECTION XIII - DISPOSAL CONSIDERATIONS

This product, if disposed as shipped, meets EPA criteria of a hazardous waste as specified in 40 CFR 261 on the basis of its ignitability. Dispose of in a licensed hazardous waste facility in accordance with applicable laws.

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Paint
UN/NA: UN 1263
DOT HAZARD CLASS: 3
EMERGENCY RESPONSE GUIDE NUMBER: 128
PACKING GROUP: II

SECTION XV - REGULATORY INFORMATION

TSCA INVENTORY STATUS:

This product and/or all of its components are included on the TSCA inventory of chemical substances.

TSCA 12(b) COMPONENTS:

0)

SARA 311/312 HAZARD CATEGORIES:

Acute, chronic, fire.

SARA 313 TOXIC CHEMICALS:

NONE

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES:

None

CERCLA HAZARDOUS SUBSTANCES:

NONE

This product is inherently unsafe. It cannot be made safe.
(California State Product Liability Warning (Business and Professions Code, Section 1714.45)).

SECTION XVI - OTHER INFORMATION

HMIS RATINGS:

Health: 3 FLAMMABILITY: 3 REACTIVITY: 1

NFPA RATINGS:

HEALTH: 3 FLAMABILITY: 3 REACTIVITY: 1 OTHER: None.