

SAFETY DATA SHEET

SECTION 1 : PRODUCT AND COMPANY IDENTIFICATION

Product Name: CLEAR AGGREGATE SEALER Product Code: CW-1000-1

Trade Name: AGGREGATE TOP COAT

THE EGYPTIAN LACQUER MANUFACTURING COMPANY
113 FORT GRANGER DRIVE
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SECTION 2: HAZARDS IDENTIFICATION

GHS Ratings:

Flammable liquid	1	Flash point < 23°C and initial boiling point ≤ 35°C (95°F)
Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: ≥ 1.5 < 2.3
Mutagen	1B	Known to produce heritable mutations in human germ cellsSubcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity
Carcinogen	1B	Presumed Human Carcinogen, Based on demonstrated animal carcinogenicity
Aspiration hazard	1	Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity ? 20.5 mm ² /s at 40° C.

GHS Hazards

H224	Extremely flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H316	Causes mild skin irritation
H340	May cause genetic defects
H350	May cause cancer

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical, lighting, ventilating equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P331	Do NOT induce vomiting
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	If skin irritation occurs: Get medical advice/attention
P370+P378	In case of fire: Use A B extinguisher for extinction
P405	Store locked up
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container in accordance to licensed waste handling facility.

Danger



INHALATION ACUTE EXPOSURE EFFECTS : Vapor harmful. May cause dizziness; headache; watering of eyes; irritation of respiratory tract; weakness; drowsiness; nausea; numbness in fingers, arms and legs; depression of central nervous system; loss of appetite; fatigue; hallucinations; light headedness; visual disturbances; giddiness and intoxication; sleepiness; cough and dyspnea; cold, clammy extremities; diarrhea; vomiting; dilation of pupils; spotted vision. Severe overexposure may cause convulsions; unconsciousness; coma; and death. Intentional misuse of this product by deliberately concentrating and inhaling can be harmful or fatal.

INGESTION ACUTE EXPOSURE EFFECTS : May be fatal. May cause dizziness; headache; nausea; vomiting; burning sensation in mouth, throat, and stomach; loss of coordination; depression of the central nervous system; narcosis; stupor; gastrointestinal irritation; liver, kidney, and heart damage; diarrhea; loss of appetite; coma and death. May produce symptoms listed under inhalation.

SKIN CONTACT ACUTE EXPOSURE EFFECTS : May be absorbed through the skin. May cause Irritation; numbness in the fingers and arms; drying of skin; and dermatitis. May cause increased severity of symptoms listed under inhalation.

EYE CONTACT ACUTE EXPOSURE EFFECTS : This material is an eye irritant. May cause irritation; burns; conjunctivitis of eyes; and corneal ulcerations of the eye. Vapors may irritate eyes.

INGESTION ACUTE EXPOSURE EFFECTS : Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Prolonged or repeated contact may cause dermatitis. Prolonged skin contact may result in absorption of a harmful amount of this material. May cause conjunctivitis; gastric disturbances; insomnia; dizziness; headache; weakness; fatigue; nausea; heart palpitations; skin irritation; numbness in hands and feet; permanent central nervous system changes; some loss of memory; pancreatic damage; giddiness; visual impairment or blindness; kidney or liver damage; and death. May cause symptoms listed under inhalation.

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

Compound	CAS Number	Concentration (Weight %)
AROMATIC 100 FLUID	64742-95-6	56.82%
Petroleum Distillates	68410-97-9	12.35%
ETHYLENE GLYCOL BUTYL ETHER	111-76-2	4.12%

SECTION 4: FIRST AID MEASURES

INHALATION : Move to fresh air. If breathing stops, provide artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

EYE CONTACT : Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

SKIN CONTACT : Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash contaminated clothing before reuse. Thoroughly clean contaminated clothes.

INGESTION : If swallowed, do not induce vomiting. Seek immediate medical attention. Call a physician, hospital emergency room, or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Water spray. Dry chemical. Carbon Dioxide. Alcohol foam.

FIRE FIGHTING INSTRUCTIONS : Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

FIRE EQUIPMENT : Do not enter fire area without proper protective equipment, including respiratory protection. Wear self-contained breathing apparatus and protective suit.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL / LEAK PROCEDURES : Vapors may cause flash fire or ignite explosively. Clean up: Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. Use non-sparking tools. Use proper bonding and grounding methods for all equipment and processes. Keep out of waterways and bodies of water. Be cautious of vapors collecting in small enclosed spaces, sewers, low lying areas, confined spaces, etc.

SMALL SPILLS : Take up with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable.

LARGE SPILLS : Dike far ahead of spill for later disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING PRECAUTIONS : Do not use in small enclosed spaces, such as basements and bathrooms. Vapors can accumulate and explode if ignited. Avoid breathing mists or vapors. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Use only with adequate ventilation. Wash thoroughly after handling. Minimize exposure to air.

STORAGE REQUIREMENTS : Keep container tightly closed and in a well-ventilated place. Store away from heat and light.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
AROMATIC 100 FLUID 64742-95-6	Cumene TWA 245 mg/m3 50 ppm	Cumene TWA 50 ppm No data available. Pseudocumene (1,2,4-Trimethylbenzene) TWA 25 ppm No data available. Xylene TWA 100 ppm 435 mg/m3	
Petroleum Distillates 68410-97-9	TWA 300 ppm 1,350 mg/m3 STEL 400 ppm 1,800 mg/m3		TWA 350 mg/m3
ETHYLENE GLYCOL BUTYL ETHER 111-76-2	TWA-50 ppm 240 mg/m3	TWA-20 ppm	

VENTILATION : Use only with adequate ventilation to prevent build-up of vapors. Open all windows and doors. Use only with a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea, or eye-watering - Stop - ventilation is inadequate. Leave area immediately.

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.

HAND PROTECTION : Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Natural rubber ("latex"), Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl.

EYE PROTECTION : Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.

SKIN PROTECTION: Wear suitable protective clothing.

RESPIRATORY EQUIPMENT : Where excessive vapor, mist, or dust may result, use NIOSH approved respiratory protection equipment .

CONTAMINATED GEAR : Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Odor: Solvent Solubility: Insoluble pH: N/A Explosive Limits: 1% - 11% Autoignition temperature: 238°C Grams VOC less water: N/A % Weight Solids 26.54	Appearance: Liquid Odor threshold: N/A Flammability: Flammable Partition coefficient (n- octanol/water): N/A Decomposition temperature: N/A % Volume Solids 21.94 % Weight Volatile (VOC) 73.46
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SECTION 10: STABILITY AND REACTIVITY

STABLE

INCOMPATIBILITIES : Incompatible with strong oxidizing agents, strong caustics, hydrogen peroxide, and nitrates

HAZARDOUS DECOMPOSITION : Decomposition may produce carbon monoxide; carbon dioxide; formaldehyde; and unidentified organic compounds in black smoke.

Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Mixture Toxicity

Component Toxicity

111-76-2

ETHYLENE GLYCOL BUTYL ETHER

Oral LD50: 1,414 mg/kg (guinea pig) Dermal LD50: 2,000 mg/kg (guinea pig)

PRIMARY ROUTES OF ENTRY :

Inhalation

Skin Contact

Eye Contact

Ingestion

PRIMARY TARGET ORGANS :

Eyes

Lungs

Skin

Effects of Overexposure

CAS Number

64742-95-6

Description

AROMATIC 100 FLUID

% Weight

56.82%

Carcinogen Rating

AROMATIC 100 FLUID:

SECTION 12: ECOLOGICAL INFORMATION

Component Ecotoxicity

ETHYLENE GLYCOL BUTYL
ETHER

Toxicity to fish LC50 - other fish - 220 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates

EC50 - Daphnia magna (Water flea) - 1,815 mg/l - 24 h

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

AGENCY UN NUMBER PROPER NAME HAZARD CLASS PACKAGING GROUP

US DOT 1263 PAINT FLAMMABLE LIQUID 3 II

SECTION 15: REGULATORY INFORMATION

The following chemicals are known by the state of California to cause cancer:

- None

Substances listed as SVHC

- None

Right-to-know for NJ, PA & MA:

111-76-2 ETHYLENE GLYCOL BUTYL ETHER

68410-97-9 Petroleum Distillates

64742-95-6 AROMATIC 100 FLUID

Country

Regulation

All Components Listed

SECTION 16: OTHER INFORMATION

Hazardous Material Information System (HMIS)

HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

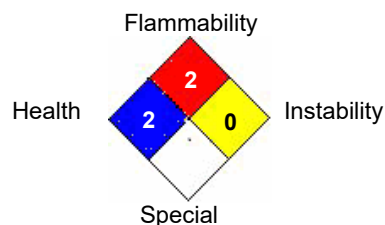
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



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Reviewer Revision

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