SAFETY DATA SHEET

Section 1 - Product and Company Identification

Product Name: **ALPHANAMEL** – Enamel paint

Company Identification:
Alpha 6 L.L.C.
15336 Dale
Detroit, MI 48223

Product Use: PAINT - Industrial and Professional Use Only. Not recommended for: N/A

For emergencies involving a spill, leak, fire, exposure, or accident
- call **CHEMTREC** toll-free day or night: 1-800-424-9300. U.S. and Canada only.

Section 2 - Hazards Identification

GHS Ratings:

Flammable liquid	3	Flash point >= 23°C and <= 60°C (140°F)
Skin corrosion/irritation Draize score: >=	3	Reversible adverse effects in dermal tissue, 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 demonstrated	1B	Presumed Human Carcinogen, Based on animal carcinogenicity
Reproductive toxin	1B	Presumed, Based on experimental animals
Aspiration hazard (regarded)- human	1	Aspiration Toxicity Category 1: Known evidence - hydrocarbons with kinematic viscosity ? 20.5 mm2/s at 40° C.

GHS Hazards

H226	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
H360	May damage fertility or the unborn child

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/ventilating/light/…/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 appropriate media to extinguish
P405	Store locked up
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container that comply with local, State, Federal, or International regulations as applicable.

Signal Word: Danger

Section 3 – Composition and information on ingredients

Chemical Name	CAS number	Weight Concentration %
Ethylbenzene	100-41-4	0.10%
Titanium dioxide	13463-67-7	25.00 %
Petroleum distillates, hydrotreated light	64742-47-8	5.00% - 10.00%
Naphtha, petroleum, hydrotreated heavy	64742-48-9	0.10% - 1.00%
Solvent naphtha, petroleum, light aromatic	64742-95-6	1.00% - 5.00%
Stoddard solvent	8052-41-3	10.00% - 20.00%
2-Butanone, oxime	96-29-7	0.20%
Cumene	98-82-8	0.20%

Section 4 – First-aid measures

Inhalation:
Move person to fresh air. If breathing stops, apply artificial respiration and seek medical attention immediately.
Eye contact:
Rinse immediately with plenty of clean water for at least 15 minutes. Remove contact lenses and flush under eyelids
too. Seek medical attention.
Skin contact:
Wash thoroughly with soap and water while removing contaminated clothing/shoes . Seek medical attention if skin is
damaged, or if pain/irritation develops or persists.
Ingestion:
Do not induce vomiting. Keep respiratory tract clear. Never give anything by mouth to an unconcious person. Contact a physician or poison control center immediately.

Section 5 – Fire-fighting measures

FLASH POINT: 39 C (102 F)

LEL: 1.00 UEL: 7.00

Extinguishing Media:
Foam, C02, Dry Chemical. Water spray may be ineffective. However, water may be used to cool closed containers
to prevent pressure build-up and possible auto-ignition or explosion from heating.
Unusual Fire and Explosion Hazards:
Handle as ingnitable liquid. Keep containers tightly closed and isolate from heat, electrical quipment, sparks, or flame. Vapors form an explosive mixture in air between the upper and lower explosive limits . Never use welding or cutting torch on or near a drum (even empty) because product (even residue) can ignite explosively. Avoid
spontaneuos combustion of soiled rags, steel wool, spray booth filters and other waste material contaminated with this product by immediately immersing them in a sealed, water filled metal container prior to disposal.
Hazardous Combustion Products:
Carbon monoxide, carbon dioxide, aldehydes, hydrocarbons, and other products of incomplete combustion.
Firefighting Procedure:
Full protective equipment and self contained breathing apparatus should be used.

Section 6 – Accidental release measures

Spill Leak / Procedures:
Eliminate all sources of ignition (flames, electrical, static, or frictional sparks. Avoid breathing vapors. Ensure
adaquate ventilation. Wear appropriate personal protective equipment.

Enviromental Precautions:
Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See section #12 for further Ecological information.

Methods and Materials for Containment and Cleaning Up:
Contain spillage. Then collect with inert absorbent material and non-sparking tools. Dispose of in accordance with applicable regulations.

Section 7 – Handling and storage

Handling Precautions:
Do not use until all safety precautions have been read and understood. Use personal protection found in section 8. Smoking, eating, or drinking should be prohibited in the application area.

Storage Requirements:
Store in accordance with local regulations. Keep away from excessive heat, sparks, and open flames. Previously opened containers, carefully reseal. Keep containers closed and upright when not in use.

Section 8 – Exposure controls & Personal protection

Engineering Controls:
Provide general clean air dilution or local exhaust ventilation in volume and pattern to keep the air contaminant
concentration below the lower explosion limit and applicable exposure limits.
Provide readily accessible eye wash station and safety showers.
Use of protective creams, head caps etc, is recommended.
Avoid contact with contaminated clothing. Wash contaminated clothing, including shoes, before reuse .
Electrical equipment must comply with the National Electrical Code for this environment.

Personal Protective Equipment
Respiratory Protection:
Wear an appropriate, properly fitted respirator (NIOSH approved) during the use of this product until vapor and mists are exhausted, unless air monitoring demonstrates vapor and mist levels are below applicable exposure limits.
Skin and Body Protection:
Use chemical/solvent impermeable gloves to avoid contact with product. Wear suitable protective clothing.
Eye Protection:
Use safety eyewear with splash guards or side shields, chemical goggles, face shields.

Section 9 – Physical and chemical properties

Explosive Limits: 1% - 7%

Partition coefficient (n- octanol/water)	No Data Found
Decomposition temperature	No Data Found
Coating VOC g/L	385.95
Odor	Aromatic-Like
Odor threshold	No Data Found
pH	No Data Found
Melting point	No Data Found
Solubility	No Data Found
Flash point (TCC)	102°F,39°C
Appearance	White and Clear
Viscosity	No Data Found
Autoignition temperature	226°C
Physical State	Liquid
COATING VOC #/G	3.221
Vapor Pressure	2.2 mmHg
Vapor Density	Heavier than air
Specific Gravity	1.17
Freezing point	No Data Found
Boiling range	138 - 210°C
Evaporation Rate	Slower than ether
Flammability	No Data Found

Section 10 – Stability and reactivity

Conditions to Avoid: Open flames, heat, sparks, and other ignition sources.
Stability: STABLE
Materials to Avoid: Strong acids, alkalis, strong oxidizers.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, aldehydes, hydrocarbons.
Hazardous polymerization will not occur.

Section 11 – Toxicological information

Mixture Toxicity

Inhalation Toxicity LC50: 1,549mg/L

Component Toxicity

100-41-4	Ethylbenzene Oral LD50: 3,500 mg/kg (Rat) Inhalation LC50: 17 mg/L (Rat)
96-29-7	2-Butanone, oxime Oral LD50: 930 mg/kg (Rat) Dermal LD50: 0 mg/kg (Rabbit) Inhalation LC50: 20 mg/L (Rat)

Routes of Entry: No Data Found
Exposure to this material may affect the following organs:
Eyes, Central Nervous System, Skin, Respiratory System

Section 12 – Ecological information

Component Ecotoxicity

Ethylbenzene
96 Hr LC50 Oncorhynchus mykiss: 11.0 - 18.0 mg/L [static];
96 Hr LC50 Oncorhynchus mykiss: 4.2 mg/L [semi-static];
96 Hr LC50 Pimephales promelas: 7.55 - 11 mg/L [flow-through];
96 Hr LC50 Lepomis macrochirus: 32 mg/L [static];
96 Hr LC50 Pimephales promelas: 9.1 - 15.6 mg/L [static];
96 Hr LC50 Poecilia reticulata: 9.6 mg/L [static]
48 Hr EC50 Daphnia magna: 1.8 - 2.4 mg/L
72 Hr EC50 Pseudokirchneriella subcapitata: 4.6 mg/L;
96 Hr EC50 Pseudokirchneriella subcapitata: >438 mg/L;
72 Hr EC50 Pseudokirchneriella subcapitata: 2.6 - 11.3 mg/L [static];
96 Hr EC50 Pseudokirchneriella subcapitata: 1.7 - 7.6 mg/L [static]

Petroleum distillates, hydrotreated light
96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through];
96 Hr LC50 Lepomis macrochirus: 2.2 mg/L [static];
96 Hr LC50 Oncorhynchus mykiss: 2 .4 mg/L [static]

Naphtha, petroleum, hydrotreated heavy
96 Hr LC50 Pimephales promelas: 2200 mg/L

Solvent naphtha, petroleum, light aromatic

96 Hr LC50 Oncorhynchus mykiss: 9.22 mg/L
48 Hr EC50 Daphnia magna: 6.14 mg/L

2-Butanone, oxime
96 Hr LC50 Pimephales promelas: 777 - 914 mg/L [flow-through];
96 Hr LC50 Poecilia reticulata: 760 mg/L [static]
48 Hr EC50 Daphnia magna: 750 mg/L
72 Hr EC50 Desmodesmus subspicatus: 83 mg/L

Cumene
96 Hr LC50 Pimephales promelas: 6.04 - 6.61 mg/L [flow-through];
96 Hr LC50 Oncorhynchus mykiss: 4.8 mg/L [flow-through];
96 Hr LC50 Oncorhynchus mykiss: 2.7 mg/L [semi-static];
96 Hr LC50 Poecilia reticulata: 5 .1 mg/L [semi- static]
48 Hr EC50 Daphnia magna: 0.6 mg/L;
48 Hr EC50 Daphnia magna: 7.9 - 14.1 mg/L [Static]
72 Hr EC50 Pseudokirchneriella subcapitata: 2.6 mg/L

Section 13 – Disposal considerations

Collect absorbent/spilled liquid into metal containers. Dispose of inaccordance with local, state, and federal regulations. Do not incinerate closed containers. Incinerate in approved facility. Obey relevant laws.

Section 14 – Transportation information

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	PAINT	UN1263	PGIII	3

Section 15 – Regulatory information

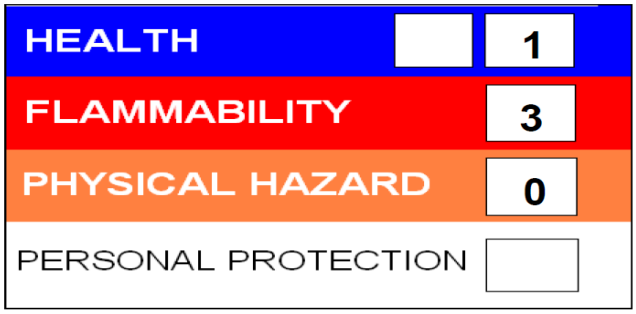
This SDS has been compiled in accordance with Appendix D of OSHA Hazcom 2012.
State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

100-41-4 Ethylbenzene Carcinogen
98-82-8 Cumene Carcinogen
13463-67-7 Titanium dioxide Carcinogen

SARA 313 Reportable Components:

100-41-4 Ethylbenzene 0 %
98-82-8 Cumene 0 %

Hazardous Material Information System (HMIS)

	**HMIS & NFPA Hazard Rating Legend** *** = Chronic Health Hazard** **0 = INSIGNIFICANT** **1 = SLIGHT** **2 = MODERATE** **3 = HIGH**

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Section 16 – Other information

PREPARED BY: Gail Kaye Kwiatkowski **DATE:** August 2, 2019

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.