

SAFETY DATA SHEET

Section 1 - Product and Company Identification

Product Name: **ALPHAKLEAR** – Solvent Based Clear Coat

Company Identification:

Alpha 6 L.L.C.
15336 Dale
Detroit, MI 48223

Product Use: PAINT ADDITIVE - 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	2	Flash point < 23°C (73.4°F) and initial boiling point > 35°C (95°F)
Skin corrosion/irritation	2	Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3
Carcinogen	2	Limited evidence of human or animal carcinogenicity
Reproductive toxin	1B	Presumed, Based on experimental animals
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

H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H316	Causes mild skin irritation
H351	Suspected of causing cancer
H360	May damage fertility or the unborn child

Hazard Statements: Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin and eye irritation. May cause drowsiness or dizziness.

Precautionary Statements:

Prevention: Read all warning statements on all labels for this and any other products to be mixed with it prior to use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting and other tools or equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust, fumes, gas, mist, vapors or spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing and eye protection/face protection. Wear an appropriate, properly fitted fresh-air supplied respirator (NIOSH-approved TC19 or equivalent) during and after application, and until all organic solvent vapors and spray mists are exhausted, or any time airborne contaminant levels exceed exposure limits indicated on the Safety Data Sheet. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish, do not use water. Keep container tightly closed. Store locked up, in a cool, well-ventilated place. Dispose of unused amounts and empty container with an approved waste disposal facility only, in accordance with all local, regional and national regulations. Avoid release to environment. If spilled, contain material with inert absorbent, in compliance with local, regional and national regulations.

Response: IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN (or hair): Wash with plenty of soap and water. Take off immediately all contaminated clothing and wash before reuse. Rinse skin with water or shower. If skin irritation or rash occurs: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing. If eye irritation persists: Get medical attention. If exposed or concerned: Get medical attention. Call a POISON CENTER, doctor or physician if you feel unwell. If medical advice is needed, have product container/label and Safety Data Sheet at hand. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish, do not use water, see Section 5.

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Storage: Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.

Disposal: Dispose of contents and container with an approved waste disposal facility in compliance with local, regional and national regulations.

Signal Word: Danger



Section 3 – Composition and information on ingredients

Chemical Name	CAS number	Weight Concentration %
Mineral spirits	64742-88-7	40 – 50 %
Acrylic resin	MIXTURE	30 – 40 %
Dimethyl Carbonate	616-38-6	10 – 15 %
PM Acetate	108-65-6	1 - 10 %

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 unconscious person. Contact a physician or poison control center immediately.

Notes to Physician:

Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting.

Section 5 – Fire-fighting measures

Extinguishing Media:

Carbon Dioxide, Dry Chemical, Alcohol-resistant Foam. Do not use water, material will float and may ignite on surface of water.

Unusual Fire and Explosion Hazards:

Highly flammable liquid and vapor. Vapors can travel to a source of ignition and flash back. Vapors may cause flash fire or explosion. This material may be ignited by heat, sparks, flame or static electricity. Closed containers may explode when exposed to extreme heat. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition.

Firefighting Procedure:

Fight as volatile liquid fire Wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Eliminate all sources of ignition. Evacuate unnecessary personnel. Use water spray to cool containers with caution, avoid spreading burning liquid. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

Section 6 – Accidental release measures

Environmental Precautions:

Avoid runoff and contact with soil, drains, sewers and waterways. Contact appropriate authority if spill is in excess of reportable quantity, in compliance with local and national regulations.

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Personal Precautions:

Eliminate all ignition sources. No smoking, do not use flares. Contact emergency personnel. Evacuate the spill area and keep unnecessary, unprotected personnel away. Do not breathe vapors, use suitable personal protective equipment. Do not touch or walk through spilled material. Prevent additional discharge of material if able to do so safely. Ventilate spill area.

Method of Cleaning Up:

For small spills, add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal. For large spills, dike spilled material, or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal using non-sparking tools.

Dispose of spilled material and contaminated absorbent material in compliance with local and national regulations, use a licensed waste disposal contractor, refer to Section 13.

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% - 8%

Partition coefficient (n- octanol/water)	No Data Found
Decomposition temperature	No Data Found
Odor	Aromatic-Like
Odor threshold	No Data Found
pH	No Data Found
Melting point	No Data Found
Solubility	No Data Found
Flash point (TCC)	107°F (42°C) TCC
Appearance	Clear
Viscosity	No Data Found
Autoignition temperature	206°C
Physical State	Liquid
Vapor Pressure	10.7 mmHg
Vapor Density	Heavier than air

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Specific Gravity	0.9
Freezing point	No Data Found
Boiling range	90 - 185°C
Evaporation Rate	Slower than ether
Flammability	No Data Found
Exempt V.O.C. Wt %:	13.38
Exempt V.O.C. Vol %:	11.36
Regulatory V.O.C. (as supplied)	541.7 g/L (4.52 lbs./gal)
Actual V.O.C. (as supplied)	492.5 g/L (4.11 lbs./gal)

Section 10 – Stability and reactivity

Hazardous Polymerization:

Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to Avoid:

Keep away from heat, sparks, flames, and other sources of ignition. Do not smoke; extinguish all flames and pilot lights. Turn off stoves, heaters, electrical motors, tools, appliances and any other possible sources of ignition prior to spray application, during use and until all vapors are exhausted from the area.

Chemical Stability:

The product is stable. Keep away from heat, open flame, sparks, static electricity, freezing.

Hazardous Decomposition Products:

Decomposition products can include and are not limited to: Carbon monoxide, carbon dioxide

Incompatible Materials:

Alkaline materials, strong acids and oxidizing materials.

Possibility of Hazardous Reactions:

Under normal conditions of use and storage, hazardous reactions will not occur.

Section 11 – Toxicological information

DIMETHYL CARBONATE (616-38-6)

Acute Dermal Toxicity	LD50: >5,000 mg/kg (rabbit)
Acute Inhalation Toxicity	LC50: > 140 mg/l 4hrs (rat)
Acute Oral Toxicity	LD50: 13000 mg/kg (rat)

MINERAL SPIRITS (64742-88-7)

Aspiration Toxicity	Category 1: May be fatal if swallowed and enters airways.
Target Organ, Single Exposure	Central nervous system Category 3 May cause drowsiness or dizziness.
Eye Irritation	Category 2B: Causes eye irritation.
Skin Irritation	Category 2: Causes skin irritation.

PM ACETATE (108-65-6)

Acute Dermal Toxicity	LD50: >5,000 mg/kg (rabbit)
Acute Oral Toxicity	LD50: 8,532 mg/kg (rat)

Section 12 – Ecological information

PM ACETATE (108-65-6)

Toxicity to fish	Low acute toxicity to fish
Toxicity to daphnia and other aquatic invertebrate	Daphnia magna (Water flea) Low acute toxicity to aquatic invertebrates.
Toxicity to algae	Low toxicity to algae.
Persistence and degradability	Biodegradability >= 83 % Readily
Bioaccumulation Potential	Bio concentration factor (BCF): 3.16 This material is not expected to bio accumulate.

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Section 13 – Disposal considerations

The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection, waste disposal legislation and any regional local authority requirements. Empty containers should be disposed of through an approved waste management facility. Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, ensure conformity to all applicable hazardous waste regulations, and consult your local or regional authorities.

Section 14 – Transportation information

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	PAINT RELATED MATERIAL	UN1263	PGII	3

SPECIAL PRECAUTIONS:

The listed transportation information applies only to ground transport and does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors. This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the shipper and the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. Local Government regulations and rules should prevail.

Section 15 – Regulatory information

United States Federal Regulations:

OSHA: OSHA Hazard Communication Standard 29 CFR 1910.1200

A component(s) of this product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA RQ - 40 CFR302.4(a): List of Hazardous Substances and Reportable Quantities (RQ)

This material does not contain any components with a CERCLA RQ.

SARA Section 311/312 Hazard Category - 40 CFR 370.2

This product is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SARA 313 Components - 40 CFR 372.65

Reporting requirements of Section 313 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and 40 CFR 372:

No chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372 are present.

STATE REGULATIONS:

California Proposition 65:

WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

Chemical Name: MINERAL SPIRITS

CAS Number: 64742-88-7

Cancer

Reproductive Harm

HMIS RATING

Health: 1

Flammability: 3

Personal Hazard: 0

Personal Protection: J

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Section 16 – Other information

PREPARED BY: Gail Kaye Kwiatkowski **DATE:** May 29, 2021

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.