

1. Identification

Product Information.

Product Name: BASE COAT

Recommended Use. Coatings and Paints / Cosmetics / Nail

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910.1200

Eye Irrit. 2A, Flam. Liq. 2, STOT SE 3 NE

GHS Pictograms



Signal Word

Danger

Unknown Acute Toxicity

3.0% of the mixture consists of ingredient(s) of unknown acute toxicity

HAZARD STATEMENTS

Highly flammable liquid and vapour.

Causes serious eye irritation.

May cause drowsiness or dizziness.

Precautionary Statements - Prevention.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Wash face and hands and any exposed skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Call a poison center/doctor if you feel unwell.

If eye irritation persists: Get medical advice/attention.

In case of fire: Use CO₂ dry chemical or foam to extinguish.

Precautionary Statements - Storage.

Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

Store locked up.

Precautionary Statements - Disposal.

Dispose of contents in accordance with local/regional/national/international regulations.

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
Ethanol	64-17-5	25-50
Ethyl Acetate	141-78-6	10-25
N-Butyl Acetate	123-86-4	10-25
Nitrocellulose	9004-70-0	2.5-10
Polyvinyl butyral resin	63148-65-2	1.0-2.5
Isopropyl alcohol	67-63-0	0.1-1.0

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid Measures

Description of first-aid measures.

General advice.

Call a poison control center or doctor for treatment advice.

Inhalation.

Remove to fresh air immediately. Get medical attention immediately.

Skin contact.

Wash skin thoroughly with soap and water.

Eye contact.

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion.

If swallowed do not induce vomiting. Seek immediate medical attention.

Symptoms.

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

Notes to physician.

Treat symptomatically.

5. Fire-fighting Measures

Extinguishing media.

Suitable extinguishing media.

Foam. Water spray or fog. Use CO₂, dry chemical, or foam.

Extinguishing media which shall not be used for safety reasons.

Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture.

Flash back possible over considerable distance. Vapors may form explosive mixture with air. Most vapors are heavier than air. Vapors may spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapors heavier than air. Development of hazardous combustion gases or vapors possible in the event of fire. Combustion may produce carbon monoxide, carbon dioxide, and irritating or toxic vapors and gases.

Advice for firefighters.

WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures.

Personal precautions.

Personal precautions. Use personal protective equipment. All equipment used when handling the product must be grounded. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).

Advice for emergency responders.

Refer to protective measures listed in sections 7 and 8.

Environmental precautions.

Environmental precautions. Local authorities should be advised if significant spillages cannot be contained. Do not allow into any sewer, on the ground or into any body of water.

Methods and materials for containment and cleaning up.

Methods for Containment.

Take up with sand or other noncombustible absorbent material and place into containers for later disposal. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Remove all sources of ignition.

Methods for cleaning up.

No Information

Reference to other sections.

See section 8 for more information.

7. Handling and Storage

Conditions for safe storage, including any incompatibilities.

Advice on safe handling.

Handle in accordance with good industrial hygiene and safety practice. Take precautionary measures against static discharges. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Vapors may form explosive mixtures with air. Vapors are heavier than air and can cause suffocation by reducing oxygen available for breathing. Do not use sparking tools. No smoking.

Hygiene measures.

Do not drink, taste, swallow or ingest this product. Wash thoroughly after handling product. Always wash up before eating, smoking or using toilet facilities.

Storage Conditions.

Keep in properly labeled containers. Keep away from heat and sources of ignition. Keep containers tightly closed in a dry, cool and well-ventilated place. Use spark-proof tools and explosion-proof equipment. Keep away from oxidizing agents and strongly acid or alkaline materials.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
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Ethanol	N.E.	1000 ppm	1000 ppm	N.E.
Ethyl Acetate	400 ppm	N.E.	400 ppm	N.E.
N-Butyl Acetate	50 ppm	150 ppm	150 ppm	N.E.
Isopropyl alcohol	200 ppm	400 ppm	400 ppm	N.E.

TLV = Threshold Limit Value TWA = Time Weighted Average PEL = Permissible Exposure Limit STEL = Short-Term Exposure Limit N.E. = Not Established

Engineering Measures.

Provide appropriate exhaust ventilation at places where dust is formed. Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment is not a source of ignition.

Personal protective equipment.

Eye/Face Protection.

Goggles.

Skin and body protection.

Wear protective gloves/ protective clothing. Wear fire/ flame resistant/ retardant clothing. Flame retardant antistatic protective clothing.

Respiratory protection.

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

9. Physical and chemical properties.

Information on basic physical and chemical properties.

Physical state	Liquid
Appearance	Liquid
Color	TO MATCH STANDARD
Odor	Ester Odor
Odor Threshold	Not Established
pH	Not Applicable
Melting/freezing point., °C (°F)	No Information
Flash Point., °C (°F)	12 (53.60)
Boiling point/boiling range., °C (°F)	77 - 126 (170.6 - 258.8)
Evaporation rate	No Information Available
Explosive properties.	No Information
Vapor pressure.	Undefined
Vapor density.	Heavier than air
Specific Gravity. (g/cm ³)	0.910
Water solubility.	Insoluble
Partition coefficient.	Undefined
Autoignition temperature., °C	Undefined
Decomposition Temperature °C.	Undefined
Viscosity, kinematic.	Undefined

Other information.

Volatile organic compounds (VOC) content.	No Information
Density, lb/gal	7.575

10. Stability and Reactivity

Reactivity.

Hazardous polymerization does not occur.

Chemical stability.

Stable under recommended storage conditions.

Possibility of hazardous reactions.

Will not occur.

Conditions to Avoid.

Keep away from heat, sparks and flames.

Incompatible Materials.

Keep away from oxidizing agents, strongly acid or alkaline materials and amines.

Hazardous Decomposition Products.

Carbon oxides. Nitrogen chloride.

11. Toxicological Information

Information on toxicological effects.

Acute toxicity.

Product Information

No Information

Component Information.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
64-17-5	Ethanol	8300 mg/kg Rat	5500	124.7 mg/L Rat (Vapor)
141-78-6	Ethyl Acetate	5620 mg/kg Rat	>18000 mg/kg Rabbit	N.I.
123-86-4	N-Butyl Acetate	10768 mg/kg Rat	>17600 mg/kg Rabbit	21 mg/l (Vapor)
9004-70-0	Nitrocellulose	>5000 mg/kg Rat	>5000 mg/kg	21 mg/l (Vapor)
67-63-0	Isopropyl alcohol	5840 mg/kg (Rat)	13,900 mg/kg (Rabbit)	N.I.

N.I. = No Information

Skin corrosion/irritation.

No Information

Eye damage/irritation.

No Information

Respiratory or skin sensitization.

No Information

Ingestion.

No Information

Germ cell mutagenicity.

No Information

Carcinogenicity.

Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
64-17-5	Ethanol	IARC Group 1	-	-

Reproductive toxicity.

Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage.

Specific target organ systemic toxicity (single exposure).

No Information

Specific target organ systemic toxicity (repeated exposure).

No Information

Aspiration hazard.

No Information

Primary Route(s) of Entry

No Information

12. Ecological Information**Toxicity.**

13.00% of the mixture consists of ingredient(s) of unknown aquatic toxicity

Ecotoxicity effects.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Ethanol 64-17-5	-	LC50 96 h Oncorhynchus mykiss 12.0 - 16.0 mL/L, LC50 96 h Pimephales promelas >100 mg/L, LC50 96 h Pimephales promelas 13400 - 15100 mg/L	LC50 48 h Daphnia magna 9268 - 14221 mg/L, EC50 48 h Daphnia magna 2 mg/L
Ethyl Acetate 141-78-6	-	LC50 96 h Pimephales promelas 220 - 250 mg/L, LC50 96 h Oncorhynchus mykiss 484 mg/L, LC50 96 h Oncorhynchus mykiss 352 - 500 mg/L	EC50 48 h Daphnia magna 560 mg/L
N-Butyl Acetate 123-86-4	EC50 72 h Desmodemus subspicatus 674.7 mg/L	LC50 96 h Lepomis macrochirus 100 mg/L, LC50 96 h Pimephales promelas 17 - 19 mg/L	-
Isopropyl alcohol 67-63-0	EC50 96 h Desmodemus subspicatus >1000 mg/L, EC50 72 h Desmodemus subspicatus >1000 mg/L	LC50 96 h Pimephales promelas 9640 mg/L, LC50 96 h Pimephales promelas 11130 mg/L, LC50 96 h Lepomis macrochirus >1400000 µg/L	EC50 48 h Daphnia magna 13299 mg/L

Persistence and degradability.

No data are available on the product itself.

Bioaccumulative potential.

No data are available on the product itself.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>log POW</u>
64-17-5	Ethanol	-0.32
141-78-6	Ethyl Acetate	0.6
123-86-4	N-Butyl Acetate	1.81
67-63-0	Isopropyl alcohol	0.05

Mobility in soil.

No information

Other adverse effects.

No information

13. Disposal Considerations**Waste Disposal Guidance.**

Do not burn, or use a cutting torch on, the empty drum. DISPOSE OF WASTE MATERIAL AT AN APPROVED (HAZARDOUS) WASTE TREATMENT/DISPOSAL FACILITY IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT DISPOSE OF WASTE WITH NORMAL GARBAGE, OR TO SEWER SYSTEMS.

14. Transport Information**DOT**

Shipping Name: Paint
Hazard Class: 3 (Flammable Liquid)
UN/NA Number: 1263
Packing Group: II

IMDG -

Proper Shipping Name: Paint
Hazard Class: 3 (Flammable Liquid)
UN Number: 1263
Packing Group: II

IATA 3 (Flammable Liquid)

15. Regulatory Information

International Inventories:

TSCA -
DSL -
DSL/NDSL -
EINECS/ELINCS -
ENCS -
IECSC -
KECI -
PICCS -
AICS -
NZIoC -

TCSI

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL	Canadian Domestic Substances List.
DSL/NDSL	Canadian Domestic Substances List/Canadian Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.
ENCS	Japan Existing and New Chemical Substances.
IECSC	China Inventory of Existing Chemical Substances.
KECL	Korean Existing and Evaluated Chemical Substances.
PICCS	Philippines Inventory of Chemicals and Chemical Substances.
AICS	Australian Inventory of Chemical Substances.
NZIoC	New Zealand Inventory of Chemicals.
TCSI	Taiwan Chemical Substance Inventory

U.S. Federal Regulations:

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372: .

This product does not contain any chemicals that are subject to the reporting requirements of SARA 313.

TOXIC SUBSTANCES CONTROL ACT 12(b):

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:.

This product does not contain any chemicals that are subject to the reporting requirements of TSCA 12(b).

CALIFORNIA PROPOSITION 65 CARCINOGENS



WARNING

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:. Note: Ethyl alcohol is only considered a Proposition 65 cancer hazard when it is ingested as an alcoholic beverage.

Chemical Name

Ethanol

CAS-No.

64-17-5

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS



WARNING

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards. Note: Ethyl alcohol is only considered a Proposition 65 reproductive hazard when it is ingested as an alcoholic beverage.

Chemical Name

Ethanol

CAS-No.

64-17-5

16. Other Information

Revision Date: 8/12/2020 **Supersedes Date:** New SDS

Reason for revision: No Information

Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	2	Flammability:	3	Physical Hazard:	1	Personal Protection:	G
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NFPA Ratings:

Health:	N.I.	Flammability:	N.I.	Instability:	N.I.	Physical & Chemical:	N.I.
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.