TOP COAT SAFETY BLUE

SECTION 1: Identification

Product identifier

Product name: TOP COAT SAFETY BLUE
Trade Name: TOP COAT SAFETY BLUE
Product code: 46401, 46404, 46405, 46455

Recommended use of the product and restriction on use

Relevant identified uses: Paint
Uses advised against: Not determined or not applicable.
Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:
United States
Absolute Coatings
38 Portman Road
New Rochelle, NY 10801
1-800-221-8010

Emergency telephone number:

United States
ChemTel Inc.
+1 800 255 3924
+1 813 248 0585

SECTION 2: Hazard(s) identification

GHS classification:

Flammable liquids, category 3
Eye irritation, category 2A
Skin sensitization, category 1
Carcinogenicity, category 1B
Reproductive toxicity, category 2
Chronic aquatic hazard, category 4

Label elements

Hazard pictograms:

Signal word: Danger

Hazard statements:

H226 Flammable liquid and vapor.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H350 May cause cancer.
H361 Suspected of damaging fertility or the unborn child.
H413 May cause long lasting harmful effects to aquatic life.

Precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/light/equipment.
P242 Use only non-sparking tools.
P273 Avoid release to the environment.
P243 Take precautionary measures against static discharge.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P264 Wash skin thoroughly after handling.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P272 Contaminated work clothing should not be allowed out of the workplace.
P233 Keep container tightly closed.
P303+P361+P353 If on skin (or hair): Immediately remove/take off all contaminated clothing. Rinse skin with water/shower.
P370+P378 In case of fire: Use agents recommended in section 5 for extinction.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P321 Specific treatment (see supplemental first aid instructions on this label).
P363 Wash contaminated clothing before reuse.
P302+P352 If on skin: Wash with soap and water.
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.
P308+P313 If exposed or concerned: Get medical advice/attention.
P403+P235 Store in a well ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents and container as instructed in Section 13.

Hazards not otherwise classified: None

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 123-86-4	n-Butyl acetate	<0.01
CAS number: 108-65-6	1-Methoxy-2-propanol acetate	<0.01
CAS number: 98-82-8	Cumene	<0.01
CAS number: 71-43-2	Benzene	<0.01
CAS number: 8052-41-3	Stoddard Solvent	25-35
CAS number: 64742-48-9	Naphtha (petroleum), hydrotreated heavy	<2
CAS number: 96-29-7	2-Butanone oxime	<0.2
CAS number: 13463-67-7	Titanium Dioxide	<3

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CAS number: 64742-47-8	Distillates (petroleum), hydrotreated light	<0.3
CAS number: 22464-99-9	Zirconium carboxylate	<0.2
CAS number: 136-52-7	Cobalt carboxylate	<0.2
CAS number: 8001-26-1	Linseed Oil	5-8
CAS number: 556-67-2	Dimethylcyclopolysiloxane	<3
CAS number: 147-14-8	Blue Pigment	<0.01

Additional Information: None

SECTION 4: First aid measures

Description of first aid measures

General notes:

Not determined or not applicable.

After inhalation:

Loosen clothing as necessary and position individual in a comfortable position
Maintain an unobstructed airway
Get medical advice/attention if you feel unwell

After skin contact:

Rinse affected area with soap and water
If symptoms develop or persist, seek medical attention

After eye contact:

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open
Remove contact lenses, if present and easy to do so
Continue rinsing for 15-20 minutes
Get medical advice if eye irritation persists

After swallowing:

Rinse mouth thoroughly
Seek medical attention if irritation, discomfort, or vomiting persists

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Not determined or not applicable.

Delayed symptoms and effects:

Not determined or not applicable.

Immediate medical attention and special treatment

Specific treatment:

Not determined or not applicable.

Notes for the doctor:

Not determined or not applicable.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Use Water (fog only), dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam

Unsuitable extinguishing media:

Do not use a water stream as an extinguisher

Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors
Vapors can flow to distant ignition sources and flashback
Liquid is volatile and may generate an explosive atmosphere

Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit

Special precautions:

Shut off sources of ignition
Carbon monoxide and carbon dioxide may form upon combustion
Heating causes a rise in pressure, risk of bursting and combustion

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation
Ensure air handling systems are operational
Wear protective eye wear, gloves and clothing
Beware of vapors accumulating to form explosive concentrations
Vapors can accumulate in low areas

Environmental precautions:

Should not be released into the environment
Prevent from reaching drains, sewer or waterway

Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing
Use spark-proof tools and explosion-proof equipment
Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders)
Dispose of contents / container in accordance with local regulations

Reference to other sections:

Not determined or not applicable.

SECTION 7: Handling and storage

Precautions for safe handling:

Use only with adequate ventilation.
Avoid breathing mist or vapor.
Do not eat, drink, smoke or use personal products when handling chemical substances.
Take precautionary measures against electrostatic discharges.
Use only non-sparking tools.

Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed.
Protect from freezing and physical damage.
Store in a cool, well-ventilated area.

Store away from all ignition sources (open flames, hot surfaces, direct sunlight, spark sources).

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	Stoddard Solvent	8052-41-3	ACGIH TLV TWA: 100 ppm
	Linseed Oil	8001-26-1	ACGIH TLV: 10 mg/m³
	Cumene	98-82-8	ACGIH TLV TWA: 50 ppm
	Benzene	71-43-2	ACGIH TLV TWA 0.5 ppm
	Benzene	71-43-2	ACGIH TLV STEL 2.5 ppm
	n-Butyl acetate	123-86-4	ACGIH TWA: 150 ppm
	n-Butyl acetate	123-86-4	ACGIH STEL: 200 ppm
	Blue Pigment	147-14-8	ACGIH TLV TWA: 1.0 mg/m³, as Cu
	Titanium Dioxide	13463-67-7	ACGIH TLV TWA: 10 mg/m³
	Distillates (petroleum), hydrotreated light	64742-47-8	ACGIH TLV TWA: 200 mg/m³
	Cobalt carboxylate	136-52-7	ACGIH TLV TWA: 0.02 mg/m³, as Co
	Zirconium carboxylate	22464-99-9	ACGIH TLV TWA: 5.0 mg/m³, as Zr (long-term)
	Zirconium carboxylate	22464-99-9	ACGIH STEL 10 mg/m³, as Zr (short-term)
NIOSH	Stoddard Solvent	8052-41-3	NIOSH REL C 1800 mg/m³
	Cumene	98-82-8	NIOSH REL TWA 50 ppm, 245.0 mg/m³
	Benzene	71-43-2	NIOSH REL Ca TWA 0.1 ppm
	Benzene	71-43-2	NIOSH REL ST 1 ppm
	n-Butyl acetate	123-86-4	NIOSH TWA 150.0 ppm (710 mg/m³)
	n-Butyl acetate	123-86-4	NIOSH ST 200.0 ppm (950.0 mg/m³)
	Blue Pigment	147-14-8	NIOSH IDLH 100.0 mg/m³, as Cu
	Dimethylcyclopolysiloxane	556-67-2	NIOSH IDLH 10 ppm
	Zirconium carboxylate	22464-99-9	NIOSH REL TWA 5.0 mg/m³, as Zr
	Zirconium carboxylate	22464-99-9	NIOSH ST 10.0 mg/m³, as Zr
	Stoddard Solvent	8052-41-3	NIOSH REL TWA 350 mg/m³

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
United States (OSHA)	Stoddard Solvent	8052-41-3	OSHA PEL TWA 500 ppm (2900 mg/kg³)
	Cumene	98-82-8	OSHA PEL TWA 50 ppm, 245.0 mg/m³
	Titanium Dioxide	13463-67-7	OSHA PEL TWA 15 mg/m³ (Total dust)
	Benzene	71-43-2	OSHA PEL [1910.1028] TWA 1 ppm
	Benzene	71-43-2	OSHA PEL [1910.1028] ST 5 ppm
	Linseed Oil	8001-26-1	OSHA PEL: 15 mg/m³ (Total dust)
	n-Butyl acetate	123-86-4	OSHA PEL TWA 150.0 ppm (710.0 mg/m³)
	Blue Pigment	147-14-8	OSHA PEL TWA 1.0 mg/m³, as Cu
	Linseed Oil	8001-26-1	OSHA PEL: 5 mg/m³ (Respirable fraction)
	Naphtha (petroleum), hydrotreated heavy	64742-48-9	OSHA Z-1 TWA 500 ppm (2,000 mg/m³)
	Zirconium carboxylate	22464-99-9	OSHA PEL TWA 5 mg/m³, as Zr
WEEL	1-Methoxy-2-propanol acetate	108-65-6	WEEL TWA 50.0 ppm
	2-Butanone oxime	96-29-7	WEEL TWA: 10 ppm

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.
Biological monitoring may also be appropriate for some substances.

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.
Use explosion-proof ventilation equipment.

Personal protection equipment

Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

Skin and body protection:

Select glove material impermeable and resistant to the substance.
Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

General hygienic measures:

Avoid contact with skin, eyes and clothing.
Wash hands before breaks and at the end of work.
Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Blue Liquid
Odor	Solvent
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	104°F (40°C)
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	1.01-1.11 g/mL
Relative density	Not determined or not available.
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	500 cP - 600 cP
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

Other information

SECTION 10: Stability and reactivity

Reactivity:
Does not react under normal conditions of use and storage.

Chemical stability:
Stable under normal conditions of use and storage.

Possibility of hazardous reactions:
None under normal conditions of use and storage.

Conditions to avoid:
None known.

Incompatible materials:
None known.

Hazardous decomposition products:
None known.

SECTION 11: Toxicological information

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Acute toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Skin corrosion/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Result
Naphtha (petroleum), hydrotreated heavy	Irritating to the skin.
Zirconium carboxylate	Irritating to the skin.
Cobalt carboxylate	Irritating to the skin.
Benzene	Irritating to the skin.

Serious eye damage/irritation

Assessment: Causes serious eye irritation

Product data: No data available.

Substance data:

Name	Result
Linseed Oil	Not Irritating to the eyes
2-Butanone oxime	Risk of serious damage to the eyes.
Benzene	Irritating effect on the eyes.

Respiratory or skin sensitization

Assessment: May cause an allergic skin reaction

Product data: No data available.

Substance data:

Name	Result
Cobalt carboxylate	May cause sensitization by skin contact.
2-Butanone oxime	May cause sensitization by skin contact
Cumene	No skin irritation
	No eye irritation

Carcinogenicity

Assessment: May cause cancer

Product data: No data available.

Substance data:

Name	Species	Result
Stoddard Solvent	Stoddard Solvent	Component may cause cancer.
2-Butanone oxime		May cause cancer.
Titanium Dioxide	Titanium Dioxide	Airborne, unbound particles of respirable size are known to cause cancer.
Benzene	Benzene	Confirmed human carcinogen.

International Agency for Research on Cancer (IARC):

Name	Classification
Distillates (petroleum), hydrotreated light	Group 3 - Not classifiable as to its carcinogenicity to humans
Titanium Dioxide	Group 3 - Not classifiable as to its carcinogenicity to humans
Cumene	Group 2B - Possibly carcinogenic to humans
Benzene	Group 1 - Carcinogenic to humans

National Toxicology Program (NTP):

Name	Classification
Benzene	Known to be human carcinogens

Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Result
Stoddard Solvent	May cause genetic defects.
Benzene	May cause genetic defects.

Reproductive toxicity

Assessment: Suspected of damaging fertility or the unborn child

Product data: No data available.

Substance data:

Name	Result
Dimethylcyclopolysiloxane	Suspected human reproductive toxicant.

Specific target organ toxicity (single exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Result
Naphtha (petroleum), hydrotreated heavy	Component affects the central nervous system.
Cumene	Component affects the respiratory system.
Benzene	Causes damage to the organs through prolonged or repeated exposure.
n-Butyl acetate	SE May cause drowsiness or dizziness. - Central nervous system

Specific target organ toxicity (repeated exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Information on likely routes of exposure: No data available.

Symptoms related to the physical, chemical and toxicological characteristics: No data available.

Other information: No data available.

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SECTION 12: Ecological information

Acute (short-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Result
Cobalt carboxylate	NOEC - Pimephales promelas - 0.21 mg/L - 34 d
Cumene	EC50 - Daphnia magna - 1.4 mg/L - 24 h
	LC50 - Pimephales promelas - 6.32 mg/L - 96 h

Chronic (long-term) toxicity

Product data: No data available.

Substance data: No data available.

Persistence and degradability

Product data: No data available.

Substance data: No data available.

Bioaccumulative potential

Product data: No data available.

Substance data: No data available.

Mobility in soil

Product data: No data available.

Substance data: No data available.

Other adverse effects: No data available.

SECTION 13: Disposal considerations

Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

SECTION 14: Transport information

United States Transportation of dangerous goods (49 CFR DOT)

UN number	1263
UN proper shipping name	PAINT
UN transport hazard class(es)	3 
Packing group	III
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	1263
UN proper shipping name	PAINT
UN transport hazard class(es)	3 

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Packing group	III
Environmental hazards	None
Special precautions for user	None
EmS number	F-E, S-E
Excepted quantities	E1
Limited quantity	5L

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	1263
UN proper shipping name	PAINT
UN transport hazard class(es)	3 
Packing group	III
Environmental hazards	None
Special precautions for user	None
Excepted quantities	E1
Limited quantity	10L

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	
Bulk Name	None
Ship type	None
Pollution category	None

SECTION 15: Regulatory information

United States regulations

Inventory listing (TSCA):

8052-41-3	Stoddard Solvent	Listed
8001-26-1	Linseed Oil	Listed
556-67-2	Dimethylcyclopolysiloxane	Listed
64742-48-9	Naphtha (petroleum), hydrotreated heavy	Listed
22464-99-9	Zirconium carboxylate	Listed
64742-47-8	Distillates (petroleum), hydrotreated light	Listed
136-52-7	Cobalt carboxylate	Listed
96-29-7	2-Butanone oxime	Listed
13463-67-7	Titanium Dioxide	Listed
98-82-8	Cumene	Listed
108-65-6	1-Methoxy-2-propanol acetate	Listed
71-43-2	Benzene	Listed
123-86-4	n-Butyl acetate	Listed
147-14-8	Blue Pigment	Listed

Significant New Use Rule (TSCA Section 5): Not determined.

Export notification under TSCA Section 12(b): Not determined.

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SARA Section 311/312 hazards:

Acute	Chronic	Fire	Pressure	Reactive
No	No	No	No	No

SARA Section 302 extremely hazardous substances: Not determined.

SARA Section 313 toxic chemicals:

98-82-8	Cumene	Listed
71-43-2	Benzene	Listed

CERCLA:

98-82-8	Cumene	Listed	5000
71-43-2	Benzene	Listed	10
123-86-4	n-Butyl acetate	Listed	5000

RCRA:

98-82-8	Cumene	Listed	
71-43-2	Benzene	Listed	

Section 112(r) of the Clean Air Act (CAA): Not determined.

Massachusetts Right to Know: Not determined.

New Jersey Right to Know: Not determined.

New York Right to Know: Not determined.

Pennsylvania Right to Know: Not determined.

California Proposition 65:

WARNING: This product contains a chemical known to the State of California to cause cancer.

13463-67-7	Titanium Dioxide
98-82-8	Cumene
71-43-2	Benzene

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

71-43-2	Benzene

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 2-2-0

HMIS: 2-2-0

Initial preparation date: 11.10.2016

End of Safety Data Sheet