

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Boothcoat 1700
Product code : Boothcoat 1700

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

General Chemical Corp
12336 Emerson Dr.
Brighton, MI 48116
United States

1.4. Emergency telephone number

Emergency number : Chemtrec (9234) +1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquids, Category 2	H225	Highly flammable liquid and vapour.
Carcinogenicity, Category 2	H351	Suspected of causing cancer.
Hazardous to the aquatic environment – Acute Hazard, Category 3	H402	Harmful to aquatic life

Full text of H-statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Danger

Hazard statements (GHS US)

: H225 - Highly flammable liquid and vapour.
H351 - Suspected of causing cancer.
H402 - Harmful to aquatic life

Precautionary statements (GHS US)

: P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/Bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse

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skin with water/shower.

P308+P313 - If exposed or concerned: Get medical advice/attention.

P370+P378 - In case of fire: Use media other than water to extinguish.

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Titanium dioxide	CAS-No.: 13463-67-7	1 – 2.9	Carc. 2, H351
Ethenyl acetate	CAS-No.: 108-05-4	0.1 – 0.25	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Carc. 2, H351 STOT SE 3, H335 Aquatic Chronic 3, H412

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Titanium dioxide (13463-67-7)

USA - ACGIH - Occupational Exposure Limits

Local name	Titanium dioxide
ACGIH OEL TWA	0.2 mg/m ³ (Nanoscale particles. R - Respirable particulate matter) 2.5 mg/m ³ (Finescale particles. R - Respirable particulate matter)

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Titanium dioxide (13463-67-7)	
Remark (ACGIH)	TLV® Basis: LRT irr; pneumoconiosis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2022
USA - OSHA - Occupational Exposure Limits	
Local name	Titanium dioxide (Total dust)
OSHA PEL TWA	15 mg/m³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Ethenyl acetate (108-05-4)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Vinyl acetate
ACGIH OEL TWA	10 ppm
ACGIH OEL STEL	15 ppm
Remark (ACGIH)	TLV® Basis: URT & eye irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2022

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:
Protective gloves
Eye protection:
Safety glasses
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Opaque.

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Colour	: white
Odour	: mild Latex
Odour threshold	: No data available
pH	: 8
Melting point	: Similar to water
Freezing point	: Similar to water
Boiling point	: No data available
Critical temperature	: 120 – 125 °C Maximum temperature during process
Flash point	: Not Flammable
Relative evaporation rate (butylacetate=1)	: Same as water
Flammability (solid, gas)	: Not applicable.
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: 1.15 – 1.35
Density	: 9.8 lb/gal
Solubility	: completely soluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 10000 – 15000 cP
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

VOC content	: 0.005 %
Percent Solids	: 47 – 55 %

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Titanium dioxide (13463-67-7)	
LC50 Inhalation - Rat (Dust/Mist)	> 6.82 mg/l Source: ECHA

Ethenyl acetate (108-05-4)	
LD50 oral rat	3470 mg/kg bodyweight (Rat, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	7440 mg/kg bodyweight (24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	15.81 mg/l (4 h, Rat, Male / female, Weight of evidence, Inhalation (vapours), 14 day(s))
LC50 Inhalation - Rat (Vapours)	14.084 mg/l Source: ECHA
ATE US (oral)	3470 mg/kg bodyweight
ATE US (dermal)	7440 mg/kg bodyweight
ATE US (gases)	4500 ppmv/4h
ATE US (vapours)	14.084 mg/l/4h
ATE US (dust,mist)	1.5 mg/l/4h

Skin corrosion/irritation : Not classified
pH: 8

Titanium dioxide (13463-67-7)	
pH	7 Source: ECHA

Serious eye damage/irritation : Not classified
pH: 8

Titanium dioxide (13463-67-7)	
pH	7 Source: ECHA

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Suspected of causing cancer.

Titanium dioxide (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans

Ethenyl acetate (108-05-4)	
IARC group	2B - Possibly carcinogenic to humans

Reproductive toxicity : Not classified
STOT-single exposure : Not classified

Ethenyl acetate (108-05-4)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified

Ethenyl acetate (108-05-4)	
NOAEL (subchronic, oral, animal/male, 90 days)	285 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

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Ethenyl acetate (108-05-4)	
NOAEL (subchronic, oral, animal/female, 90 days)	281 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

Aspiration hazard : Not classified
Viscosity, kinematic : No data available

Ethenyl acetate (108-05-4)	
Viscosity, kinematic	0.451 mm²/s

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Titanium dioxide (13463-67-7)	
LC50 - Fish [1]	> 100 mg/l
EC50 72h - Algae [1]	> 50 mg/l Source: ECHA

Ethenyl acetate (108-05-4)	
EC50 - Crustacea [1]	12.6 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
EC50 72h - Algae [1]	8.81 mg/l Source: ECHA
ErC50 algae	12.7 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Fresh water, Experimental value, GLP)
NOEC chronic fish	0.551 mg/l Test organisms (species): Pimephales promelas Duration: '34 d'

12.2. Persistence and degradability

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Persistence and degradability	Rapidly degradable
Titanium dioxide (13463-67-7)	
Persistence and degradability	Rapidly degradable
Ethenyl acetate (108-05-4)	
Persistence and degradability	Biodegradable in the soil, Readily biodegradable in water.
ThOD	1.7 g O ₂ /g substance

12.3. Bioaccumulative potential

Ethenyl acetate (108-05-4)	
BCF - Fish [1]	3.16 l/kg (BCFBAF v3.00, Pisces, QSAR)
Partition coefficient n-octanol/water (Log Pow)	0.73 (Experimental value, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

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12.4. Mobility in soil

Ethenyl acetate (108-05-4)

Ecology - soil	Highly mobile in soil.
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12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated	Not applicable	Not applicable	Not applicable
14.2. Proper Shipping Name			
Not regulated	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not regulated	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not regulated	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Not regulated	Not applicable	Not applicable	Not applicable
No supplementary information available			

14.6. Special precautions for user

DOT
Not regulated

TDG
Not applicable

IMDG
Not applicable

IATA
Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Aqua Ammonia	CAS-No. 1336-21-6	0.1 – 0.25%
Ethenyl acetate	CAS-No. 108-05-4	0.1 – 0.25%

Ethenyl acetate (108-05-4)

Listed on EPA Hazardous Air Pollutant (HAPS)

CERCLA RQ	5000 lb
RQ (Reportable quantity, section 304 of EPA's List of Lists)	5000 lb
SARA Section 302 Threshold Planning Quantity (TPQ)	1000 lb

15.2. International regulations

CANADA

Titanium dioxide (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

Ethenyl acetate (108-05-4)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Titanium dioxide (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Ethenyl acetate (108-05-4)

Listed on IARC (International Agency for Research on Cancer)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

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Revision date : 5/24/2024

Full text of H-statements	
H225	Highly flammable liquid and vapour.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects.

Safety Data Sheet (SDS), USA

The development of this Safety Data Sheet (SDS) relies upon information provided to us by each of our raw material suppliers. This SDS will be updated as changes occur to their SDS(s). We believe the recommendations and technical information contained herein to be accurate. However, they are given without warranty or guarantee, expressed or implied, and we assume no responsibility for losses or damage, direct or indirect, as a result of their use.