

SECTION 1: Identification

1.1. Identification

Product form : Mixtures
 Product name : Holcobatch EL Amber 11-20-40537
 Product code : 11-20-40537

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Additives
 Colouring agents

1.3. Supplier

HOLLAND COLOURS AMERICAS INC.
 1501 Progress Drive
 Richmond, Indiana 47374 - United States of America
 T 765-935-0329 - F 765-966-3376

1.4. Emergency telephone number

Emergency number : USA 1-800-424-9300 -- International/Internacional +1 703-527-3887 (Collect calls accepted /
 Se aceptan llamadas por cobrar)
 CHEMTREC

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. GHS Label elements, including precautionary statements

GHS-US labeling

No labeling applicable

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : May form combustible dust concentrations in air.

2.4. Unknown acute toxicity (GHS US)

Not applicable

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	0.1 - 1	Carc. 2, H351

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 : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Suspected of causing cancer (Inhalation).
 First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest. If you feel unwell, seek medical advice.
 First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse.
 First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Remove contact lenses, if present and easy to do. Continue rinsing.
 First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

Holcobatch EL Amber 11-20-40537

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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

Symptoms/effects	: May cause cancer (if inhaled, in contact with skin).
Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Slight irritation.
Symptoms/effects after eye contact	: May cause slight irritation.
Symptoms/effects after ingestion	: Not expected to be a primary route of exposure. If swallowed, seek medical advice immediately and show this container or label.
Chronic symptoms	: Get medical advice/attention.

4.3. Immediate medical attention and special treatment, if necessary

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: May ignite spontaneously if exposed to air.
Reactivity	: Stable at ambient temperature and under normal conditions of use.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: Do not breathe fumes from fires or vapors from decomposition.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Avoid dust formation. Remove ignition sources. Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry. Avoid contact with skin and eyes.
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6.1.1. For non-emergency personnel

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: No specific measures are necessary.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment	: Collect all waste in suitable and labeled containers and dispose according to local legislation.
Methods for cleaning up	: On land, sweep or shovel into suitable containers. Minimize generation of dust. Notify authorities if product enters sewers or public waters.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Provide adequate ventilation to minimize dust and/or vapor concentrations. Do not breathe dust.
Precautions for safe handling	: Obtain special instructions before use. Avoid dust formation. Do not breathe dust. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid contact with skin, eyes and clothing.
Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

Holcobatch EL Amber 11-20-40537

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Store in a cool, well-ventilated place. Does not require any specific or particular technical measures.
Storage conditions	: Keep container closed when not in use.
Incompatible products	: Strong bases. Strong acids. Oxidizing agent.
Incompatible materials	: Sources of ignition. Direct sunlight.
Storage temperature	: 5 - 35 °C
Heat-ignition	: No flames, no sparks. Eliminate all sources of ignition.
Storage area	: Store away from heat. Store in a well-ventilated place.
Special rules on packaging	: Store in a closed container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

titanium dioxide (13463-67-7)		
ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³
OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³

8.2. Appropriate engineering controls

Appropriate engineering controls	: Provide adequate ventilation to minimize dust and/or vapor concentrations.
Environmental exposure controls	: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Dust formation: dust mask. Gloves. Protective goggles.

Materials for protective clothing:

Effective dust mask

Hand protection:

Wear protective gloves

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended



Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder.
Color	: characteristic

Holcobatch EL Amber 11-20-40537

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Odor	: characteristic
Odor threshold	: No data available
pH	: No data available
Melting point	: 80 - 90 °C
Freezing point	: No data available
Boiling point	: > 300 °C
Flash point	: > 310 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1.1 g/cm ³
Solubility	: Water: 0 %
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at ambient temperature and under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Avoid dust formation. Overheating.

10.5. Incompatible materials

Strong acids, strong bases and strong oxidants.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. fume.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure	: Skin and eye contact; Inhalation
Acute toxicity	: Not classified

titanium dioxide (13463-67-7)	
LD50 oral rat	> 10000 mg/kg
LD50 dermal rabbit	5000 mg/kg
LC50 inhalation rat (mg/l)	6.8 g/m ³
ATE US (dermal)	5000.000 mg/kg body weight
ATE US (vapors)	6.800 mg/l/4h
ATE US (dust, mist)	6.800 mg/l/4h

Holcobatch EL Amber 11-20-40537

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

(Epidemiological studies do not suggest an increased risk of cancer in humans from occupational exposure to the components of this product that are listed in IARC (International Agency for Research on Cancer) Group 2B as possibly carcinogenic to humans.)

titanium dioxide (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Cancer suspected agent.
Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Slight irritation.
Symptoms/effects after eye contact	: May cause slight irritation.
Symptoms/effects after ingestion	: Not expected to be a primary route of exposure. If swallowed, seek medical advice immediately and show this container or label.
Chronic symptoms	: Get medical advice/attention.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: No known ecological damage caused by this product.
Ecology - air	: Avoid dust formation.

titanium dioxide (13463-67-7)	
LC50 fish 1	1000 g/l
EC50 Daphnia 1	100 g/l
ErC50 (algae)	No data available

12.2. Persistence and degradability

Holcobatch EL Amber 11-20-40537	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Holcobatch EL Amber 11-20-40537	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

Holcobatch EL Amber 11-20-40537	
Ecology - soil	No data available.

12.5. Other adverse effects

Effect on the global warming	: No known effects from this product.
GWPMix comment	: No known effects from this product.
Other information	: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods	: Collect all waste in suitable and labeled containers and dispose according to local legislation.
Sewage disposal recommendations	: Do not discharge into drains or the environment.

Holcobatch EL Amber 11-20-40537

Safety Data Sheet

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Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Additional information : Non hazardous waste.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Other information : No supplementary information available.

TDG

Transport by sea

Air transport

SECTION 15: Regulatory information

15.1. US Federal regulations

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

titanium dioxide (13463-67-7)	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
3-hydroxy-2-(3-hydroxy-2-quinolyl)-1H-inden-1-one (17772-51-9)	
SARA Section 311/312 Hazard Classes	Fire hazard
8,9,10,11-tetrachloro-12H-phthaloperin-12-one (20749-68-2)	
SARA Section 311/312 Hazard Classes	Fire hazard

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

Holcobatch EL Amber 11-20-40537	
All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory	
titanium dioxide (13463-67-7)	
Listed on IARC (International Agency for Research on Cancer)	
Listed on the Canadian IDL (Ingredient Disclosure List)	

15.3. US State regulations

Holcobatch EL Amber 11-20-40537

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

titanium dioxide (13463-67-7)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	No	No	No	
8,9,10,11-tetrachloro-12H-phthaloperin-12-one (20749-68-2)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	Yes	Yes	Yes	
U.S. - California - Proposition 65 - Other information		contains hexachlorobenzene		

SECTION 16: Other information

Revision date : 04/12/2017

Other information : None.

Full text of H-phrases:

H351	Suspected of causing cancer
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SDS US (GHS HazCom 2012)

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