



# Safety Data Sheet

acc. to OSHA HCS

Printing date 12/08/2025

Reviewed on 01/25/2024

## 1 Identification

### Product identifier

**Trade name:** Colorant AQ 700 Black**Application of the substance / the mixture**

Restricted to professional users.

Dyestuff/Colouring agent

**Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Fine Paints of Europe Inc.

274 West Woodstock Road

Woodstock, VT 05091

USA

info@finepaints.com

Phone: 800.332.1556

**Emergency telephone number:** Phone: 1.800.332.1556 (Monday-Friday 8:00 a.m. - 5:30 p.m. EDT)

## 2 Hazard(s) identification

**Classification of the substance or mixture**

Sensitization - Skin 1

H317 May cause an allergic skin reaction.

Carcinogenicity 2

H351 Suspected of causing cancer. Route of exposure: Inhalation.

Specific Target Organ Toxicity - Repeated Exposure 1

H372 Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

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**Label elements****GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

**Hazard pictograms**

GHS07 GHS08

**Signal word** Danger**Hazard-determining components of labeling:**

Carbon black

2-methyl-2H-isothiazol-3-one

**Hazard statements**

May cause an allergic skin reaction.

Suspected of causing cancer. Route of exposure: Inhalation.

Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

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## Precautionary statements

Do not handle until all safety precautions have been read and understood.

Do not get in eyes, on skin, or on clothing.

Contaminated work clothing must not be allowed out of the workplace.

Avoid release to the environment.

Wear protective gloves/eye protection/face protection.

If swallowed: Immediately call a doctor.

If on skin: Wash with plenty of soap and water.

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

Continue rinsing.

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

Store in a closed container.

Store locked up.

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

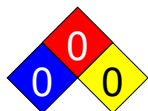
**Additional information:** Keep out of reach of children.

## Information pertaining to particular dangers for man and environment:

This product contains isothiazolinone compounds at levels of <0.1%. These substances are biocides commonly found in most paints and a variety of personal care products as a preservative. Certain individuals may be sensitive or allergic to these substances, even at low levels.

## Classification system:

### NFPA ratings (scale 0 - 4)



Health = 0

Fire = 0

Reactivity = 0

### HMIS-ratings (scale 0 - 4)



HEALTH 0 Health = 0

FIRE 0 Fire = 0

REACTIVITY 0 Reactivity = 0

## Other hazards

### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

## 3 Composition/information on ingredients

### Chemical characterization: Mixtures

Dangerous components:		
1333-86-4	Carbon black	>10–≤25%
25322-68-3	Polyethylene glycol	>10–≤25%
1332-58-7	Kaolin	>10–≤25%
2682-20-4	2-methyl-2H-isothiazol-3-one	≥0.0015–<0.1%

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## 4 First-aid measures

### Description of first aid measures

#### General information:

Take affected persons out into the fresh air.

Keep warm, position comfortably and cover well.

Consult doctor if symptoms persist.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

#### After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

#### After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

#### After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

Remove contact lenses, if present and easy to do. Continue rinsing.

#### After swallowing:

If person is conscious, rinse out mouth.

Do not induce vomiting; immediately call for medical help.

#### Information for doctor:

**Most important symptoms and effects, both acute and delayed** No further relevant information available.

#### Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## 5 Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing agents:

Use fire fighting measures that suit the environment.

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special hazards arising from the substance or mixture** No further relevant information available.

#### Advice for firefighters

**Protective equipment:** Wear fully protective suit.

#### Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

## 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

#### Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

#### Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

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## Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## Protective Action Criteria for Chemicals

<b>PAC-1:</b>		
1333-86-4	Carbon black	9 mg/m <sup>3</sup>
25322-68-3	Polyethylene glycol	30 mg/m <sup>3</sup>
55406-53-6	3-Iodo-2-propynylbutylcarbamate	3.3 mg/m <sup>3</sup>
112-53-8	Lauryl alcohol	12 mg/m <sup>3</sup>
1310-73-2	sodium hydroxide	0.50 mg/m <sup>3</sup>
556-67-2	octamethylcyclotetrasiloxane	360 mg/m <sup>3</sup>
1310-58-3	potassium hydroxide	0.18 mg/m <sup>3</sup>
<b>PAC-2:</b>		
1333-86-4	Carbon black	99 mg/m <sup>3</sup>
25322-68-3	Polyethylene glycol	1,300 mg/m <sup>3</sup>
55406-53-6	3-Iodo-2-propynylbutylcarbamate	36 mg/m <sup>3</sup>
112-53-8	Lauryl alcohol	140 mg/m <sup>3</sup>
1310-73-2	sodium hydroxide	5.0 mg/m <sup>3</sup>
556-67-2	octamethylcyclotetrasiloxane	530 mg/m <sup>3</sup>
1310-58-3	potassium hydroxide	2 mg/m <sup>3</sup>
<b>PAC-3:</b>		
1333-86-4	Carbon black	590 mg/m <sup>3</sup>
25322-68-3	Polyethylene glycol	7,700 mg/m <sup>3</sup>
55406-53-6	3-Iodo-2-propynylbutylcarbamate	220 mg/m <sup>3</sup>
112-53-8	Lauryl alcohol	820 mg/m <sup>3</sup>
1310-73-2	sodium hydroxide	50 mg/m <sup>3</sup>
556-67-2	octamethylcyclotetrasiloxane	1600 mg/m <sup>3</sup>
1310-58-3	potassium hydroxide	54 mg/m <sup>3</sup>

## 7 Handling and storage

### Handling:

#### Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

**Information about protection against explosions and fires:** No special measures required.

#### Conditions for safe storage, including any incompatibilities

**Storage:** Observe instructions for use / storage.

**Requirements to be met by storerooms and receptacles:** Store in a well-ventilated place. Keep cool.

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**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:**

Keep container tightly closed.

Store locked up.

**Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

**Additional information about design of technical systems:** No further data; see section 7.

**Control parameters**

**Components with limit values that require monitoring at the workplace:**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the remaining constituent has no known exposure limits.

1333-86-4 Carbon black	
PEL	Long-term value: 3.5 mg/m <sup>3</sup>
REL	Long-term value: 3.5* mg/m <sup>3</sup> *0.1 in presence of PAHs; See Pocket Guide Apps.A+C
TLV	Long-term value: 3* mg/m <sup>3</sup> *inhalable fraction, A3
25322-68-3 Polyethylene glycol	
WEEL	Long-term value: 10 mg/m <sup>3</sup> (H); MW>200
1332-58-7 Kaolin	
PEL	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV	Long-term value: 2* mg/m <sup>3</sup> E; respirable particulate matter, A4

**Additional information:** The lists that were valid during the creation were used as basis.

**Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

**Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

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## Protection of hands:



Protective gloves

**As protection from splashes gloves made of the following materials are suitable:** Nitrile rubber, NBR  
**Eye protection:**



Tightly sealed goggles

## 9 Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

#### Appearance:

<b>Form:</b>	Pasty
<b>Color:</b>	Black
<b>Odor:</b>	Product specific
<b>Odor threshold:</b>	Not determined.
<b>pH-value at 20 °C (68 °F):</b>	6–9

#### Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	100 °C (212 °F) (7732-18-5 water, distilled, conductivity or of similar purity)

**Flash point:** Not applicable.

**Flammability:** Not applicable.

**Decomposition temperature:** Not determined.

**Ignition temperature:** Product is not selfigniting.

**Danger of explosion:** Product does not present an explosion hazard.

#### Explosion limits:

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

**Vapor pressure at 20 °C (68 °F):** 23 hPa (17.251 mm Hg) (7732-18-5 water, distilled, conductivity or of similar purity)

**Density at 20 °C (68 °F):** 1.21–1.27 g/cm<sup>3</sup> (10.097–10.598 lbs/gal)

**Relative density** Not determined.

**Vapor density** Not determined.

**Evaporation rate** Not determined.

#### Solubility in / Miscibility with

**Water:** Fully miscible.

**Partition coefficient (n-octanol/water):** Not determined.

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**Viscosity:**
**Dynamic at 20 °C (68 °F):** 559.76–956.42 mPas

**Kinematic:** Not determined.

**Solvent content:**
**VOC content:** 0.00 %  
0.0 g/l / 0.00 lb/gal

**Solids content:** 54.5 %

**Other information** No further relevant information available.

## 10 Stability and reactivity

**Reactivity** No further relevant information available.

**Chemical stability** The product is stable.

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions** No dangerous reactions known.

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

**Information on toxicological effects**
**Acute toxicity:**
**LD/LC50 values that are relevant for classification:**
**1333-86-4 Carbon black**

Oral	LD50	10,000 mg/kg (rat)
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**Primary irritant effect:**
**on the skin:** No irritant effect.

**on the eye:** No irritating effect.

**Sensitization:** Sensitization possible through skin contact.

**Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

**Carcinogenic categories**
**IARC (International Agency for Research on Cancer)**

1333-86-4	Carbon black	2B
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**NTP (National Toxicology Program)**

None of the ingredients is listed.

**OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

## 12 Ecological information

**Toxicity**
**Aquatic toxicity:** No further relevant information available.

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**Persistence and degradability** No further relevant information available.

**Behavior in environmental systems:**

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Additional ecological information:**

**General notes:**

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

## 13 Disposal considerations

**Waste treatment methods**

**Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Uncleaned packagings:**

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

**UN-Number**

**DOT, IMDG, IATA** Not regulated.

**UN proper shipping name**

**DOT, IMDG, IATA** Not regulated.

**Transport hazard class(es)**

**DOT, ADN, IMDG, IATA**

**Class** Not regulated.

**Packing group**

**DOT, IMDG, IATA** Not regulated.

**Environmental hazards:** Not applicable.

**Special precautions for user** Not applicable.

**Transport in bulk according to Annex II of**

**MARPOL73/78 and the IBC Code** Not applicable.

**UN "Model Regulation":** Not regulated.

## 15 Regulatory information

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

No further relevant information available.

**Sara**

**Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

**Section 313 (Specific toxic chemical listings):**

55406-53-6	3-Iodo-2-propynylbutylcarbamate
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**TSCA (Toxic Substances Control Act):**

All components are listed on the Inventory and have the value ACTIVE or are exempt.

**Hazardous Air Pollutants**

None of the ingredients is listed.

**Proposition 65****Chemicals known to cause cancer:**

1333-86-4 Carbon black

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**Carcinogenic categories****EPA (Environmental Protection Agency)**

None of the ingredients is listed.

**TLV (Threshold Limit Value)**

1333-86-4 Carbon black

A4

1332-58-7 Kaolin

A4

**NIOSH-Ca (National Institute for Occupational Safety and Health)**

1333-86-4 Carbon black

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Date of preparation / last revision** 01/25/2024 / -**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety &amp; Health

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TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Sensitization - Skin 1: Skin sensitisation – Category 1

Carcinogenicity 2: Carcinogenicity – Category 2

Specific Target Organ Toxicity - Repeated Exposure 1: Specific target organ toxicity (repeated exposure) – Category 1