



Safety Data Sheet

acc. to OSHA HCS

Printing date 02/16/2023

Reviewed on 09/23/2022

1 Identification

Product identifier

Trade name: Hollandlac Brilliant Black 0029**Application of the substance / the mixture** Paint**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

Flammable Liquids 3

H226 Flammable liquid and vapor.

Specific Target Organ Toxicity - Single Exposure 3

H336 May cause drowsiness or dizziness.

Specific Target Organ Toxicity - Repeated Exposure
1

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

Label elements

GHS label elements

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

Hazard pictograms



GHS02 GHS07 GHS08

Signal word Danger

Hazard-determining components of labeling:

Naphtha (petroleum), hydrotreated heavy

Carbon black

Naphtha (petroleum), hydrodesulfurized heavy

Hazard statements

Flammable liquid and vapor.

May cause drowsiness or dizziness.

Causes damage to the central nervous system and the lung through prolonged or repeated exposure.

Route of exposure: Inhalation.

Precautionary statements

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

Keep container tightly closed.

Use only non-sparking tools.

Take precautionary measures against static discharge.

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Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area.

Wear protective gloves / eye protection / face protection.

If swallowed: Immediately call a doctor.

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.

Get medical advice/attention if you feel unwell.

In case of fire: Use foam to extinguish.

Store in a well-ventilated place. Keep cool.

Store locked up.

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

Classification system:

NFPA ratings (scale 0 - 4)



Health = 0
Fire = 2
Reactivity = 0

HMIS-ratings (scale 0 - 4)



HEALTH 0 Health = 0
FIRE 2 Fire = 2
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	≥0.1–≤2.5%
64742-48-9	Naphtha (petroleum), hydrotreated heavy	>10–≤50%
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	≥0.25–<2.5%
64742-46-7	Distillates (petroleum), hydrotreated middle	<2.5%

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. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

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

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After skin contact:

Immediately remove any clothing soiled by the product.
Immediately rinse with water.

After eye contact:

Rinse opened eye for several minutes under running water.
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:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

Advice for firefighters**Protective equipment:**

Mouth respiratory protective device.
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.
Mount respiratory protective device.

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

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 item 13.
Ensure adequate ventilation.

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

PAC-1:		
1333-86-4	Carbon black	9 mg/m ³
108-83-8	2,6-dimethylheptan-4-one	75 ppm
123-86-4	n-butyl acetate	5 ppm
1330-20-7	xylene	130 ppm

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108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
107-41-5	2-methylpentane-2,4-diol	2.3 ppm
78-92-2	butanol	150 ppm
100-41-4	ethylbenzene	150 ppm
14808-60-7	Quartz (SiO ₂)	0.075 mg/m ³
108-88-3	toluene	67 ppm
111-66-0	oct-1-ene	40 ppm

PAC-2:

1333-86-4	Carbon black	99 mg/m ³
108-83-8	2,6-dimethylheptan-4-one	330 ppm
123-86-4	n-butyl acetate	200 ppm
1330-20-7	xylene	920* ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
107-41-5	2-methylpentane-2,4-diol	25 ppm
78-92-2	butanol	220 ppm
100-41-4	ethylbenzene	220 ppm
14808-60-7	Quartz (SiO ₂)	33 mg/m ³
108-88-3	toluene	560 ppm
111-66-0	oct-1-ene	800* ppm

PAC-3:

1333-86-4	Carbon black	590 mg/m ³
108-83-8	2,6-dimethylheptan-4-one	2000* ppm
123-86-4	n-butyl acetate	3000* ppm
1330-20-7	xylene	2500* ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
107-41-5	2-methylpentane-2,4-diol	150 ppm
78-92-2	butanol	10000** ppm
100-41-4	ethylbenzene	10000** ppm
14808-60-7	Quartz (SiO ₂)	200 mg/m ³
108-88-3	toluene	3700* ppm
111-66-0	oct-1-ene	2000* ppm

7 Handling and storage

Handling:**Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

Wash hands thoroughly after handling.

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

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

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Keep respiratory protective device available.

Conditions for safe storage, including any incompatibilities

Storage: Observe instructions for use / storage.

Requirements to be met by storerooms and receptacles: Protect from heat and direct sunlight.

Information about storage in one common storage facility: Store away from oxidizing agents.

Further information about storage conditions:

Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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 item 7.

Control parameters

Components with limit values that require monitoring at the workplace:

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

1333-86-4 Carbon black

PEL	Long-term value: 3.5 mg/m ³
REL	Long-term value: 3.5* mg/m ³ *0.1 in presence of PAHs; See Pocket Guide Apps.A+C
TLV	Long-term value: 3* mg/m ³ *inhalable fraction, A3

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.

Use suitable respiratory protective device when aerosol or mist is formed.

Filter A/P2

Protection of hands:



Protective gloves

Use gloves of stable material (e.g. Nitrile) - if necessary tricoted to improve the wearability.

As protection from splashes gloves made of the following materials are suitable:

Nitrile rubber, NBR

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Eye protection:

Tightly sealed goggles

9 Physical and chemical properties**Information on basic physical and chemical properties****General Information****Appearance:**

Form:	Viscous
Color:	Black
Odor:	Product specific
Odor threshold:	Not determined.
pH-value:	Not determined.

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	154–193 °C (309.2–379.4 °F) (64742-48-9 Naphtha (petroleum), hydrotreated heavy)

Flash point: 53 °C (127.4 °F)**Flammability (solid, gaseous):** Flammable.**Ignition temperature:** 237 °C (458.6 °F) (64742-48-9 Naphtha (petroleum), hydrotreated heavy)**Decomposition temperature:** Not determined.**Auto igniting:** Product is not selfigniting.**Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.**Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.

Vapor pressure at 20 °C (68 °F): 2 hPa (1.5 mm Hg) (64742-48-9 Naphtha (petroleum), hydrotreated heavy)**Density at 20 °C (68 °F):** 0.92–0.96 g/cm³ (7.677–8.011 lbs/gal)**Relative density** Not determined.**Vapor density** Not determined.**Evaporation rate** Not determined.**Solubility in / Miscibility with****Water:** Not miscible or difficult to mix.**Partition coefficient (n-octanol/water):** Not determined.**Viscosity:**

Dynamic at 20 °C (68 °F):	892.26–1,141.3 mPas
Kinematic:	Not determined.

Solvent content:

VOC content:	28.52–<34.15 % 314.2–327.8 g/l / 2.62–2.74 lb/gal
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Solids content: 69.0 %

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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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64742-48-9 Naphtha (petroleum), hydrotreated heavy

Oral	LD50	>5,000 mg/kg (rat)
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Dermal	LD50	>3,000 mg/kg (rabbit)
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Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

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

Carcinogenic categories

IARC (International Agency for Research on Cancer)

1333-86-4	Carbon black	2B
1330-20-7	xylene	3
100-41-4	ethylbenzene	2B
14808-60-7	Quartz (SiO ₂)	1
108-88-3	toluene	3
128-37-0	Butylated hydroxytoluene	3

NTP (National Toxicology Program)

14808-60-7	Quartz (SiO ₂)	K
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OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

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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.

14 Transport information

UN-Number

DOT, IMDG, IATA UN1263

UN proper shipping name

DOT, IATA Paint

IMDG PAINT

Transport hazard class(es)

DOT



Class 3 Flammable liquids

Label 3

IMDG, IATA



Class 3 Flammable liquids

Label 3

Packing group

DOT, IMDG, IATA III

Environmental hazards: Not applicable.

Special precautions for user Warning: Flammable liquids

Hazard identification number (Kemler code): 30

EMS Number: F-E,S-E

Stowage Category A

Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code Not applicable.

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Transport/Additional information:

DOT

Quantity limitations

On passenger aircraft/rail: 60 L

On cargo aircraft only: 220 L

IMDG

Limited quantities (LQ)

5L

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation":

UN 1263 PAINT, 3, III

15 Regulatory information

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

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

1330-20-7 xylene

78-92-2 butanol

100-41-4 ethylbenzene

108-88-3 toluene

TSCA (Toxic Substances Control Act): All ingredients are listed.

Hazardous Air Pollutants

1330-20-7 xylene

100-41-4 ethylbenzene

108-88-3 toluene

Proposition 65

Chemicals known to cause cancer:

1333-86-4 Carbon black

100-41-4 ethylbenzene

14808-60-7 Quartz (SiO₂)

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:

108-88-3 toluene

Carcinogenic categories

EPA (Environmental Protection Agency)

1330-20-7 xylene

I

100-41-4 ethylbenzene

D

108-88-3 toluene

II

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TLV (Threshold Limit Value)		
1333-86-4	Carbon black	A4
1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3
14808-60-7	Quartz (SiO ₂)	A2
108-88-3	toluene	A4
128-37-0	Butylated hydroxytoluene	A4
NIOSH-Ca (National Institute for Occupational Safety and Health)		
1333-86-4	Carbon black	
14808-60-7	Quartz (SiO ₂)	

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 09/23/2022

Abbreviations and acronyms:

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 & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Flammable Liquids 3: Flammable liquids – Category 3

Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3

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