



**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

**1 Identification**

- **Product identifier**
- **Trade name:** HIT\_2411-1 NR BRILLIANT BLACK PEARL 2K SS FPC
- **Article number:** 2411
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
HIGH TECK PRODUCTS  
PO BOX 24631  
WEST PALM BEACH, FLORIDA 33416  
USA  
877-900-8325  
info@highteckproducts.com
- **Information department:** Product safety department
- **Emergency telephone number:** 800 424-9300 (Chemtrec)

**2 Hazard(s) identification**

- **Classification of the substance or mixture**



GHS02 Flame

Flammable Liquids 2

H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Germ Cell Mutagenicity 1B

H340 May cause genetic defects.

Carcinogenicity 1B

H350 May cause cancer.



GHS07

Eye Irritation 2A

H319 Causes serious eye irritation.

Sensitization - Skin 1

H317 May cause an allergic skin reaction.

Specific Target Organ Toxicity - Single Exposure 3 H336 May cause drowsiness or dizziness.

- **Label elements**

- **GHS label elements**

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

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· **Hazard pictograms**



GHS02 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**

*n*-butyl acetate  
 Solvent naphtha (petroleum), light arom.  
 acetone  
 Carbon black  
 bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate

· **Hazard statements**

Highly flammable liquid and vapor.  
 Causes serious eye irritation.  
 May cause an allergic skin reaction.  
 May cause genetic defects.  
 May cause cancer.  
 May cause drowsiness or dizziness.

· **Precautionary statements**

Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 Ground/bond container and receiving equipment.  
 Use explosion-proof electrical/ventilating/lighting/equipment.  
 Use only non-sparking tools.  
 Take precautionary measures against static discharge.  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Wash thoroughly after handling.  
 Use only outdoors or in a well-ventilated area.  
 Contaminated work clothing must not be allowed out of the workplace.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 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.  
 IF exposed or concerned: Get medical advice/attention.  
 Call a poison center/doctor if you feel unwell.  
 Specific treatment (see on this label).  
 If skin irritation or rash occurs: Get medical advice/attention.  
 If eye irritation persists: Get medical advice/attention.  
 Wash contaminated clothing before reuse.  
 In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.  
 Store in a well-ventilated place. Keep container tightly closed.  
 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 = 2  
 Fire = 3  
 Reactivity = 0

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

HEALTH	2	Health = *2
FIRE	3	Fire = 3
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**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

123-86-4	<i>n</i> -butyl acetate	10-25%
110-43-0	heptan-2-one	10-25%
67-64-1	acetone	2.5-10%
79-20-9	methyl acetate	2.5-10%
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	0-10%
1333-86-4	Carbon black	≤2.5%
64742-95-6	Solvent naphtha (petroleum), light arom.	≤2.5%
1330-20-7	xylene	≤2.5%
100-41-4	ethylbenzene	0-≤2.5%
1317-80-2	Rutile (TiO <sub>2</sub> )	≤2.5%
41556-26-7	bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	≤2.5%

### 4 First-aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **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.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **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.

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## 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
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:** No special measures required.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**  
Prevent seepage into sewage system, workpits and cellars.  
Dilute with plenty of water.
- **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.  
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:**

123-86-4	n-butyl acetate	5 ppm
110-43-0	heptan-2-one	150 ppm
67-64-1	acetone	200 ppm
79-20-9	methyl acetate	250 ppm
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	9.3 mg/m <sup>3</sup>
1333-86-4	Carbon black	9 mg/m <sup>3</sup>
1330-20-7	xylene	130 ppm
12001-26-2	Mica	9 mg/m <sup>3</sup>
100-41-4	ethylbenzene	33 ppm
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
34590-94-8	Dipropylene glycol monomethyl ether	150 ppm
8052-41-3	Stoddard solvent	1700 mg/m <sup>3</sup>
108-83-8	2,6-dimethylheptan-4-one	75 ppm
122-99-6	2-phenoxyethanol	1.5 ppm
64-17-5	ethanol	1,800 ppm
77-58-7	dibutyltin dilaurate	1.1 mg/m <sup>3</sup>
1308-14-1	dichromium trioxide hydrate	3.0 mg/m <sup>3</sup>
18282-10-5	tin dioxide	7.6 mg/m <sup>3</sup>
70657-70-4	2-methoxypropyl acetate	50 ppm
7664-38-2	phosphoric acid	3 mg/m <sup>3</sup>
108-88-3	toluene	67 ppm

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		(Contd. of page 4)
14808-60-7	Quartz (SiO <sub>2</sub> )	0.075 mg/m <sup>3</sup>
57-55-6	Propylene glycol	30 mg/m <sup>3</sup>
78-83-1	butanol	150 ppm
<b>· PAC-2:</b>		
123-86-4	<i>n</i> -butyl acetate	200 ppm
110-43-0	heptan-2-one	670 ppm
67-64-1	acetone	3200* ppm
79-20-9	methyl acetate	1,700 ppm
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	100 mg/m <sup>3</sup>
1333-86-4	Carbon black	290 mg/m <sup>3</sup>
1330-20-7	xylene	920* ppm
12001-26-2	Mica	99 mg/m <sup>3</sup>
100-41-4	ethylbenzene	1100 ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
34590-94-8	Dipropylene glycol monomethyl ether	1700* ppm
8052-41-3	Stoddard solvent	1800 mg/m <sup>3</sup>
108-83-8	2,6-dimethylheptan-4-one	330 ppm
122-99-6	2-phenoxyethanol	16 ppm
64-17-5	ethanol	3300* ppm
77-58-7	dibutyltin dilaurate	3.8 mg/m <sup>3</sup>
1308-14-1	dichromium trioxide hydrate	54 mg/m <sup>3</sup>
18282-10-5	tin dioxide	85 mg/m <sup>3</sup>
70657-70-4	2-methoxypropyl acetate	1,000 ppm
7664-38-2	phosphoric acid	30 mg/m <sup>3</sup>
108-88-3	toluene	560 ppm
14808-60-7	Quartz (SiO <sub>2</sub> )	8.3 mg/m <sup>3</sup>
57-55-6	Propylene glycol	1,300 mg/m <sup>3</sup>
78-83-1	butanol	1,300 ppm

<b>· PAC-3:</b>		
123-86-4	<i>n</i> -butyl acetate	3000* ppm
110-43-0	heptan-2-one	4000* ppm
67-64-1	acetone	5700* ppm
79-20-9	methyl acetate	10000* ppm
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	230 mg/m <sup>3</sup>
1333-86-4	Carbon black	1750 mg/m <sup>3</sup>
1330-20-7	xylene	2500* ppm
12001-26-2	Mica	590 mg/m <sup>3</sup>
100-41-4	ethylbenzene	1800 ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
34590-94-8	Dipropylene glycol monomethyl ether	9900** ppm
8052-41-3	Stoddard solvent	20000 mg/m <sup>3</sup>
108-83-8	2,6-dimethylheptan-4-one	2000* ppm
122-99-6	2-phenoxyethanol	97 ppm

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64-17-5	ethanol	15000* ppm
77-58-7	dibutyltin dilaurate	23 mg/m <sup>3</sup>
1308-14-1	dichromium trioxide hydrate	500 mg/m <sup>3</sup>
18282-10-5	tin dioxide	510 mg/m <sup>3</sup>
70657-70-4	2-methoxypropyl acetate	5,000 ppm
7664-38-2	phosphoric acid	150 mg/m <sup>3</sup>
108-88-3	toluene	3700 ppm
14808-60-7	Quartz (SiO <sub>2</sub> )	50 mg/m <sup>3</sup>
57-55-6	Propylene glycol	7,900 mg/m <sup>3</sup>
78-83-1	butanol	8000* 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.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.
- **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 other constituents have no known exposure limits.

### 123-86-4 n-butyl acetate

PEL	Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
REL	Short-term value: 950 mg/m <sup>3</sup> , 200 ppm Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
TLV	Short-term value: 712 mg/m <sup>3</sup> , 150 ppm Long-term value: 238 mg/m <sup>3</sup> , 50 ppm

### 110-43-0 heptan-2-one

PEL	Long-term value: 465 mg/m <sup>3</sup> , 100 ppm
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REL Long-term value: 465 mg/m<sup>3</sup>, 100 ppm

TLV Long-term value: 50 ppm

**67-64-1 acetone**PEL Long-term value: 2400 mg/m<sup>3</sup>, 1000 ppmREL Long-term value: 590 mg/m<sup>3</sup>, 250 ppmTLV Short-term value: 1187 mg/m<sup>3</sup>, 500 ppmLong-term value: 594 mg/m<sup>3</sup>, 250 ppm  
A4, BEI**79-20-9 methyl acetate**PEL Long-term value: 610 mg/m<sup>3</sup>, 200 ppmREL Short-term value: 760 mg/m<sup>3</sup>, 250 ppmLong-term value: 610 mg/m<sup>3</sup>, 200 ppmTLV Short-term value: 757 mg/m<sup>3</sup>, 250 ppmLong-term value: 606 mg/m<sup>3</sup>, 200 ppm**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

**1330-20-7 xylene**PEL Long-term value: 435 mg/m<sup>3</sup>, 100 ppmREL Short-term value: 655 mg/m<sup>3</sup>, 150 ppmLong-term value: 435 mg/m<sup>3</sup>, 100 ppm

TLV Long-term value: 20 ppm

BEI, A4

**100-41-4 ethylbenzene**PEL Long-term value: 435 mg/m<sup>3</sup>, 100 ppmREL Short-term value: 545 mg/m<sup>3</sup>, 125 ppmLong-term value: 435 mg/m<sup>3</sup>, 100 ppm

TLV Long-term value: 20 ppm

OTO, BEI, A3

**Ingredients with biological limit values:****67-64-1 acetone**

BEI 25 mg/L

Medium: urine

Time: end of shift

Parameter: Acetone (nonspecific)

**1330-20-7 xylene**

BEI 0.3 g/g creatinine

Medium: urine

Time: end of shift

Parameter: Methylhippuric acids

**100-41-4 ethylbenzene**

BEI 0.15 g/g creatinine

Medium: urine

Time: end of shift

Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)

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- **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.  
 Avoid contact with the eyes.  
 Avoid contact with the eyes and skin.*
- **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.*
- **Protection of hands:**



Protective gloves

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.*

*Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation*

- **Material of gloves**

*The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.*

- **Penetration time of glove material**

*The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.*

- **Eye protection:**



Tightly sealed goggles

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

<b>Form:</b>	Liquid
<b>Color:</b>	Black
<b>Odor:</b>	Characteristic
<b>Odor threshold:</b>	Not determined.

- **pH-value:** Not determined (pH N/A in solvent coatings)

- **Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
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<b>Boiling point/Boiling range:</b>	55.8-56.6 °C (132.4-133.9 °F)
· <b>Flash point:</b>	<-18 °C (<-0.4 °F)
· <b>Flammability:</b>	Highly flammable.
· <b>Auto igniting:</b>	370 °C (698 °F)
· <b>Decomposition temperature:</b>	Not determined.
· <b>Ignition temperature:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· <b>Explosion limits:</b>	
<b>Lower:</b>	1 Vol %
<b>Upper:</b>	7.5 Vol %
· <b>Vapor pressure at 20 °C (68 °F):</b>	10.7 hPa (8 mm Hg)
· <b>Vapor pressure at 50 °C (122 °F):</b>	55 hPa (41.3 mm Hg)
· <b>Density at 20 °C (68 °F):</b>	1.0104 g/cm <sup>3</sup> (8.4318 lbs/gal)
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with Water:</b>	Fully miscible.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	≥44.7-<44.9 %
<b>Water:</b>	0.1 %
<b>VOC content:</b>	≥33.84-<34.04 %
	420.7 g/l / 3.51 lb/gal
· <b>Solids content:</b>	53.6 %
· <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **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.

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## 11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

**110-43-0 heptan-2-one**

Oral	LD50	1,670 mg/kg (rat)
Dermal	LD50	12,600 mg/kg (rabbit)

- **Primary irritant effect:**

- **on the skin:** No irritant effect.

- **on the eye:** 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

The product can cause inheritable damage.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

1333-86-4	Carbon black	2B
1330-20-7	xylene	3
1330-20-7	xylene	3
100-41-4	ethylbenzene	2B
1317-80-2	Rutile (TiO <sub>2</sub> )	2B
64-17-5	ethanol	1
108-88-3	toluene	3
14808-60-7	Quartz (SiO <sub>2</sub> )	1

- **NTP (National Toxicology Program)**

14808-60-7	Quartz (SiO <sub>2</sub> )	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.

- **Behavior in environmental systems:**

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

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

- **Additional ecological information:**

- **General notes:** Not hazardous for water.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

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· **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

- |                                                                                                                                                                                                                        |                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>· <b>UN-Number</b></li> <li>· <b>DOT, IMDG, IATA</b></li> </ul>                                                                                                                 | UN1263                                                                                                                                |
| <ul style="list-style-type: none"> <li>· <b>UN proper shipping name</b></li> <li>· <b>DOT</b></li> <li>· <b>IMDG, IATA</b></li> </ul>                                                                                  | Paint<br>PAINT                                                                                                                        |
| <ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· <b>DOT</b></li> </ul>                                                                                                            | <div style="text-align: center;">  <p>3</p> </div> |
| <ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>                                                                                                                               | 3 Flammable liquids<br>3                                                                                                              |
|                                                                                                                                                                                                                        |                                                                                                                                       |
| <ul style="list-style-type: none"> <li>· <b>IMDG, IATA</b></li> </ul>                                                                                                                                                  | <div style="text-align: center;">  <p>3</p> </div> |
| <ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>                                                                                                                               | 3 Flammable liquids<br>3                                                                                                              |
| <ul style="list-style-type: none"> <li>· <b>Packing group</b></li> <li>· <b>DOT, IMDG, IATA</b></li> </ul>                                                                                                             | II                                                                                                                                    |
| <ul style="list-style-type: none"> <li>· <b>Environmental hazards:</b></li> </ul>                                                                                                                                      | Not applicable.                                                                                                                       |
| <ul style="list-style-type: none"> <li>· <b>Special precautions for user</b></li> <li>· <b>Hazard identification number (Kemler code):</b></li> <li>· <b>EMS Number:</b></li> <li>· <b>Stowage Category</b></li> </ul> | Warning: Flammable liquids<br>33<br>F-E, S-E<br>B                                                                                     |
| <ul style="list-style-type: none"> <li>· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b></li> </ul>                                                                                     | Not applicable.                                                                                                                       |

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USA

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT\_2411-1 NR BRILLIANT BLACK PEARL 2K SS FPC

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- **Transport/Additional information:**

- **DOT**

- **Quantity limitations**

On passenger aircraft/rail: 5 L

On cargo aircraft only: 60 L

- **IMDG**

- **Limited quantities (LQ)**

5L

- **Excepted quantities (EQ)**

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

- **UN "Model Regulation":**

UN 1263 PAINT, 3, II

## 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

7429-90-5 aluminium

100-41-4 ethylbenzene

122-99-6 2-phenoxyethanol

7664-38-2 phosphoric acid

108-88-3 toluene

- **TSCA (Toxic Substances Control Act):**

123-86-4 n-butyl acetate

ACTIVE

110-43-0 heptan-2-one

ACTIVE

67-64-1 acetone

ACTIVE

79-20-9 methyl acetate

ACTIVE

2530-83-8 [3-(2,3-epoxypropoxy)propyl]trimethoxysilane

ACTIVE

1333-86-4 Carbon black

ACTIVE

1330-20-7 xylene

ACTIVE

64742-95-6 Solvent naphtha (petroleum), light arom.

ACTIVE

7429-90-5 aluminium

ACTIVE

100-41-4 ethylbenzene

ACTIVE

108-65-6 2-methoxy-1-methylethyl acetate

ACTIVE

34590-94-8 Dipropylene glycol monomethyl ether

ACTIVE

41556-26-7 bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate

ACTIVE

8052-41-3 Stoddard solvent

ACTIVE

7732-18-5 water, distilled, conductivity or of similar purity

ACTIVE

108-83-8 2,6-dimethylheptan-4-one

ACTIVE

122-99-6 2-phenoxyethanol

ACTIVE

82919-37-7 methyl 1,2,2,6,6-pentamethyl-4-piperidylsebacate

ACTIVE

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64-17-5	ethanol	ACTIVE
77-58-7	dibutyltin dilaurate	ACTIVE
1308-14-1	dichromium trioxide hydrate	ACTIVE
18282-10-5	tin dioxide	ACTIVE
7664-38-2	phosphoric acid	ACTIVE
108-88-3	toluene	ACTIVE
14808-60-7	Quartz (SiO <sub>2</sub> )	ACTIVE
57-55-6	Propylene glycol	ACTIVE
78-83-1	butanol	ACTIVE

· **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
1317-80-2	Rutile (TiO <sub>2</sub> )
14808-60-7	Quartz (SiO <sub>2</sub> )

· **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:**

64-17-5	ethanol
108-88-3	toluene

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

67-64-1	acetone	I
1330-20-7	xylene	I
1330-20-7	xylene	I
100-41-4	ethylbenzene	D
108-88-3	toluene	II

· **TLV (Threshold Limit Value)**

67-64-1	acetone	A4
1333-86-4	Carbon black	A4
1330-20-7	xylene	A4
7429-90-5	aluminium	A4
1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3
1317-80-2	Rutile (TiO <sub>2</sub> )	A4
64-17-5	ethanol	A3
77-58-7	dibutyltin dilaurate	A4

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108-88-3	toluene	A4
14808-60-7	Quartz (SiO <sub>2</sub> )	A2

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

1333-86-4	Carbon black
1317-80-2	Rutile (TiO <sub>2</sub> )
14808-60-7	Quartz (SiO <sub>2</sub> )

· **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:**

*n*-butyl acetate  
Solvent naphtha (petroleum), light arom.  
acetone  
Carbon black  
bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate

· **Hazard statements**

Highly flammable liquid and vapor.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
May cause genetic defects.  
May cause cancer.  
May cause drowsiness or dizziness.

· **Precautionary statements**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting/equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves/protective clothing/eye protection/face protection.  
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.  
IF exposed or concerned: Get medical advice/attention.  
Call a poison center/doctor if you feel unwell.  
Specific treatment (see on this label).  
If skin irritation or rash occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
Wash contaminated clothing before reuse.

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*In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.*

*Store in a well-ventilated place. Keep container tightly closed.*

*Store in a well-ventilated place. Keep cool.*

*Store locked up.*

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

- **National regulations:**

- **Information about limitation of use:**

*Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.*

- **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.*

- **Contact:**

- **Date of preparation / last revision** 07/16/2025 / -

- **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

BEI: Biological Exposure Limit

Flammable Liquids 2: Flammable liquids – Category 2

Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A

Sensitization - Skin 1: Skin sensitisation – Category 1

Germ Cell Mutagenicity 1B: Germ cell mutagenicity – Category 1B

Carcinogenicity 1B: Carcinogenicity – Category 1B

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