



Safety Data Sheet
acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

1 Identification

- **Product identifier**
- **Trade name:** HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC
- **Article number:** 2407
- **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

Substances and mixtures which, in contact with water, emit flammable gases 1

H225 Highly flammable liquid and vapor.

H260 In contact with water releases flammable gases, which may ignite spontaneously.



GHS08 Health hazard

Germ Cell Mutagenicity 1B

Carcinogenicity 1A

H340 May cause genetic defects.

H350 May cause cancer.



GHS07

Eye Irritation 2A

Sensitization - Skin 1

Specific Target Organ Toxicity - Single Exposure 3

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H336 May cause drowsiness or dizziness.

- **Label elements**

- **GHS label elements**

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

(Contd. on page 2)

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

(Contd. of page 1)

· **Hazard pictograms**



GHS02 GHS07 GHS08

· **Signal word** Danger

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

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

· **Hazard statements**

Highly flammable liquid and vapor.
 In contact with water releases flammable gases, which may ignite spontaneously.
 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.
 Do not allow contact with water.
 Handle under inert gas. Protect from moisture.
 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.
 Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages.
 If eye irritation persists: Get medical advice/attention.
 Wash contaminated clothing before reuse.
 In case of fire: Use CO₂, sand, extinguishing powder to extinguish.
 Store in a dry place. Store in a closed container.
 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.

(Contd. on page 3)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

(Contd. of page 2)

- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 2
Fire = 3
Reactivity = 2

The substance demonstrates unusual reactivity with water.

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



Health = *2
Fire = 3
Reactivity = 2

- **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% |
| 7429-90-5 | aluminium powder (stabilised) | 2.5-10% |
| 2530-83-8 | [3-(2,3-epoxypropoxy)propyl]trimethoxysilane | 0-10% |
| 1330-20-7 | xylene | ≤2.5% |
| 1330-20-7 | xylene | 0-≤2.5% |
| 64742-95-6 | Solvent naphtha (petroleum), light arom. | ≤2.5% |
| 100-41-4 | ethylbenzene | 0-≤2.5% |
| 1333-86-4 | Carbon black | ≤2.5% |
| 41556-26-7 | bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate | ≤2.5% |
| 64-17-5 | ethanol | 0-≤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.

(Contd. on page 4)

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

(Contd. of page 3)

- **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:**
Extinguishing powder. Do not use water.
CO₂. Do not use water.
Sand. Do not use water.
Special powder for metal fires. Do not use water.
CO₂, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water
- **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:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground 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.
Do not flush with water or aqueous cleansing agents
- **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 ³ |
| 1330-20-7 | xylene | 130 ppm |
| 100-41-4 | ethylbenzene | 33 ppm |
| 1333-86-4 | Carbon black | 9 mg/m ³ |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 50 ppm |
| 64-17-5 | ethanol | 1,800 ppm |
| 122-99-6 | 2-phenoxyethanol | 1.5 ppm |

(Contd. on page 5)

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

(Contd. of page 4)

| | | |
|------------|-------------------------------------|-------------------------|
| 13463-67-7 | titanium dioxide | 30 mg/m ³ |
| 34590-94-8 | Dipropylene glycol monomethyl ether | 150 ppm |
| 67-56-1 | methanol | 530 ppm |
| 108-83-8 | 2,6-dimethylheptan-4-one | 75 ppm |
| 7664-38-2 | phosphoric acid | 3 mg/m ³ |
| 77-58-7 | dibutyltin dilaurate | 1.1 mg/m ³ |
| 70657-70-4 | 2-methoxypropyl acetate | 50 ppm |
| 108-38-3 | m-xylene | 130 ppm |
| 108-88-3 | toluene | 67 ppm |
| 67-63-0 | propan-2-ol | 400 ppm |
| 7440-50-8 | copper | 3 mg/m ³ |
| 57-55-6 | Propylene glycol | 30 mg/m ³ |
| 78-83-1 | butanol | 150 ppm |
| 14808-60-7 | Quartz (SiO ₂) | 0.075 mg/m ³ |

PAC-2:

| | | |
|------------|--|-------------------------|
| 123-86-4 | n-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 ³ |
| 1330-20-7 | xylene | 920* ppm |
| 100-41-4 | ethylbenzene | 1100 ppm |
| 1333-86-4 | Carbon black | 290 mg/m ³ |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 1,000 ppm |
| 64-17-5 | ethanol | 3300* ppm |
| 122-99-6 | 2-phenoxyethanol | 16 ppm |
| 13463-67-7 | titanium dioxide | 330 mg/m ³ |
| 34590-94-8 | Dipropylene glycol monomethyl ether | 1700* ppm |
| 67-56-1 | methanol | 2100 ppm |
| 108-83-8 | 2,6-dimethylheptan-4-one | 330 ppm |
| 7664-38-2 | phosphoric acid | 30 mg/m ³ |
| 77-58-7 | dibutyltin dilaurate | 3.8 mg/m ³ |
| 70657-70-4 | 2-methoxypropyl acetate | 1,000 ppm |
| 108-38-3 | m-xylene | 920 ppm |
| 108-88-3 | toluene | 560 ppm |
| 67-63-0 | propan-2-ol | 2000* ppm |
| 7440-50-8 | copper | 33 mg/m ³ |
| 57-55-6 | Propylene glycol | 1,300 mg/m ³ |
| 78-83-1 | butanol | 1,300 ppm |
| 14808-60-7 | Quartz (SiO ₂) | 8.3 mg/m ³ |

PAC-3:

| | | |
|----------|-----------------|-----------|
| 123-86-4 | n-butyl acetate | 3000* ppm |
| 110-43-0 | heptan-2-one | 4000* ppm |

(Contd. on page 6)

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

| | | (Contd. of page 5) |
|------------|--|-------------------------|
| 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 ³ |
| 1330-20-7 | xylene | 2500* ppm |
| 100-41-4 | ethylbenzene | 1800 ppm |
| 1333-86-4 | Carbon black | 1750 mg/m ³ |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 5000* ppm |
| 64-17-5 | ethanol | 15000* ppm |
| 122-99-6 | 2-phenoxyethanol | 97 ppm |
| 13463-67-7 | titanium dioxide | 2,000 mg/m ³ |
| 34590-94-8 | Dipropylene glycol monomethyl ether | 9900** ppm |
| 67-56-1 | methanol | 7200 ppm |
| 108-83-8 | 2,6-dimethylheptan-4-one | 2000* ppm |
| 7664-38-2 | phosphoric acid | 150 mg/m ³ |
| 77-58-7 | dibutyltin dilaurate | 23 mg/m ³ |
| 70657-70-4 | 2-methoxypropyl acetate | 5,000 ppm |
| 108-38-3 | m-xylene | 2500* ppm |
| 108-88-3 | toluene | 3700 ppm |
| 67-63-0 | propan-2-ol | 12000** ppm |
| 7440-50-8 | copper | 200 mg/m ³ |
| 57-55-6 | Propylene glycol | 7,900 mg/m ³ |
| 78-83-1 | butanol | 8000* ppm |
| 14808-60-7 | Quartz (SiO ₂) | 50 mg/m ³ |

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.

USA

(Contd. on page 7)

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

(Contd. of page 6)

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

110-43-0 heptan-2-one

| | |
|-----|--|
| PEL | Long-term value: 465 mg/m ³ , 100 ppm |
| REL | Long-term value: 465 mg/m ³ , 100 ppm |
| TLV | Long-term value: 50 ppm |

67-64-1 acetone

| | |
|-----|---|
| PEL | Long-term value: 2400 mg/m ³ , 1000 ppm |
| REL | Long-term value: 590 mg/m ³ , 250 ppm |
| TLV | Short-term value: 1187 mg/m ³ , 500 ppm Long-term value: 594 mg/m ³ , 250 ppm A4, BEI |

79-20-9 methyl acetate

| | |
|-----|---|
| PEL | Long-term value: 610 mg/m ³ , 200 ppm |
| REL | Short-term value: 760 mg/m ³ , 250 ppm Long-term value: 610 mg/m ³ , 200 ppm |
| TLV | Short-term value: 757 mg/m ³ , 250 ppm Long-term value: 606 mg/m ³ , 200 ppm |

1330-20-7 xylene

| | |
|-----|---|
| PEL | Long-term value: 435 mg/m ³ , 100 ppm |
| REL | Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm |
| TLV | Long-term value: 20 ppm BEI, A4 |

1330-20-7 xylene

| | |
|-----|---|
| PEL | Long-term value: 435 mg/m ³ , 100 ppm |
| REL | Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm |
| TLV | Long-term value: 20 ppm BEI, A4 |

100-41-4 ethylbenzene

| | |
|-----|---|
| PEL | Long-term value: 435 mg/m ³ , 100 ppm |
| REL | Short-term value: 545 mg/m ³ , 125 ppm Long-term value: 435 mg/m ³ , 100 ppm |

(Contd. on page 8)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

(Contd. of page 7)

TLV Long-term value: 20 ppm
OTO, BEI, A3

1333-86-4 Carbon black

PEL Long-term value: 3.5 mg/m³
REL Long-term value: 3.5* mg/m³
*0.1 in presence of PAHs; See Pocket Guide Apps.A+C
TLV Long-term value: 3* mg/m³
*inhalable fraction, A3

64-17-5 ethanol

PEL Long-term value: 1900 mg/m³, 1000 ppm
REL Long-term value: 1900 mg/m³, 1000 ppm
TLV Short-term value: 1880 mg/m³, 1000 ppm
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

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)

· **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.

(Contd. on page 9)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

(Contd. of page 8)

· **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:**

| | |
|------------------------|-----------------|
| Form: | Liquid |
| Color: | Metallic |
| Odor: | Characteristic |
| Odor threshold: | Not determined. |

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

· **Change in condition**

| | |
|-------------------------------------|-------------------------------|
| Melting point/Melting range: | Undetermined. |
| Boiling point/Boiling range: | 55.8-56.6 °C (132.4-133.9 °F) |

· **Flash point:** <-18 °C (<-0.4 °F)

· **Flammability:** Highly flammable.
Contact with water liberates extremely flammable gases.

· **Auto igniting:** 370 °C (698 °F)

· **Decomposition temperature:** Not determined.

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

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/ vapor mixtures are possible.

· **Explosion limits:**

Lower: 1 Vol %

(Contd. on page 10)

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

(Contd. of page 9)

| | |
|---|--|
| Upper: | 7.5 Vol % |
| · Vapor pressure at 20 °C (68 °F): | 10.7 hPa (8 mm Hg) |
| · Vapor pressure at 50 °C (122 °F): | 55 hPa (41.3 mm Hg) |
| · Density at 20 °C (68 °F): | 1.0294 g/cm ³ (8.5903 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. |
| · Viscosity: | |
| Dynamic: | Not determined. |
| Kinematic: | Not determined. |
| · Solvent content: | |
| Organic solvents: | ≥48-<49.1 % |
| Water: | 0.1 % |
| VOC content: | ≥36.46-<37.53 % 417.3 g/l / 3.48 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**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** Contact with water releases flammable gases.
- **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:**

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.

(Contd. on page 11)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

(Contd. of page 10)

- **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)**

| | | |
|------------|----------------------------|----|
| 1330-20-7 | xylene | 3 |
| 1330-20-7 | xylene | 3 |
| 100-41-4 | ethylbenzene | 2B |
| 1333-86-4 | Carbon black | 2B |
| 64-17-5 | ethanol | 1 |
| 13463-67-7 | titanium dioxide | 2B |
| 95-47-6 | o-xylene | 3 |
| 106-42-3 | p-xylene | 3 |
| 108-38-3 | m-xylene | 3 |
| 108-88-3 | toluene | 3 |
| 67-63-0 | propan-2-ol | 3 |
| 14808-60-7 | Quartz (SiO ₂) | 1 |

- **NTP (National Toxicology Program)**

| | | |
|------------|----------------------------|---|
| 14808-60-7 | Quartz (SiO ₂) | K |
|------------|----------------------------|---|

- **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:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

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

USA

(Contd. on page 12)

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025



Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

(Contd. of page 11)

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"> · UN-Number · DOT, IMDG, IATA | UN1263 |
| <ul style="list-style-type: none"> · UN proper shipping name · DOT · IMDG, IATA | Paint PAINT |
| <ul style="list-style-type: none"> · Transport hazard class(es) · DOT | <div style="text-align: center;">  <p>3</p> </div> |
| <ul style="list-style-type: none"> · Class · Label | 3 Flammable liquids 3 |
| <ul style="list-style-type: none"> · IMDG, IATA | <div style="text-align: center;">  <p>3</p> </div> |
| <ul style="list-style-type: none"> · Class · Label | 3 Flammable liquids 3 |
| <ul style="list-style-type: none"> · Packing group · DOT, IMDG, IATA | II |
| <ul style="list-style-type: none"> · Environmental hazards: | Not applicable. |
| <ul style="list-style-type: none"> · Special precautions for user · Hazard identification number (Kemler code): · EMS Number: · Stowage Category | Warning: Flammable liquids 33 F-E, S-E B |
| <ul style="list-style-type: none"> · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| <ul style="list-style-type: none"> · Transport/Additional information: · DOT · Quantity limitations | On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L |

(Contd. on page 13)

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

(Contd. of page 12)

- | | |
|--|---|
| <ul style="list-style-type: none"> · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) | <p>5L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml</p> |
| <ul style="list-style-type: none"> · UN "Model Regulation": | <p>UN 1263 PAINT, 3, II</p> |

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 |
| 100-41-4 | ethylbenzene |
| 122-99-6 | 2-phenoxyethanol |
| 67-56-1 | methanol |
| 7664-38-2 | phosphoric acid |
| 95-47-6 | o-xylene |
| 106-42-3 | p-xylene |
| 108-38-3 | m-xylene |
| 108-88-3 | toluene |
| 67-63-0 | propan-2-ol |
| 7440-50-8 | copper |

- **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 |
| 1330-20-7 | xylene | ACTIVE |
| 64742-95-6 | Solvent naphtha (petroleum), light arom. | ACTIVE |
| 100-41-4 | ethylbenzene | ACTIVE |
| 1333-86-4 | Carbon black | ACTIVE |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | ACTIVE |
| 41556-26-7 | bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate | ACTIVE |
| 64-17-5 | ethanol | ACTIVE |
| 122-99-6 | 2-phenoxyethanol | ACTIVE |
| 7732-18-5 | water, distilled, conductivity or of similar purity | ACTIVE |
| 13463-67-7 | titanium dioxide | ACTIVE |
| 34590-94-8 | Dipropylene glycol monomethyl ether | ACTIVE |
| 147-14-8 | Phthalocyanine Blue | ACTIVE |

(Contd. on page 14)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

(Contd. of page 13)

| | | |
|------------|--|--------|
| 67-56-1 | methanol | ACTIVE |
| 82919-37-7 | methyl 1,2,2,6,6-pentamethyl-4-piperidylsebacate | ACTIVE |
| 108-83-8 | 2,6-dimethylheptan-4-one | ACTIVE |
| 7664-38-2 | phosphoric acid | ACTIVE |
| 77-58-7 | dibutyltin dilaurate | ACTIVE |
| 95-47-6 | o-xylene | ACTIVE |
| 106-42-3 | p-xylene | ACTIVE |
| 108-38-3 | m-xylene | ACTIVE |
| 64742-47-8 | Distillates (petroleum), hydrotreated light | ACTIVE |
| 108-88-3 | toluene | ACTIVE |
| 67-63-0 | propan-2-ol | ACTIVE |
| 7440-50-8 | copper | ACTIVE |
| 57-55-6 | Propylene glycol | ACTIVE |

· **Hazardous Air Pollutants**

| | |
|-----------|--------------|
| 1330-20-7 | xylene |
| 100-41-4 | ethylbenzene |
| 67-56-1 | methanol |
| 95-47-6 | o-xylene |
| 106-42-3 | p-xylene |
| 108-38-3 | m-xylene |
| 108-88-3 | toluene |

· **Proposition 65**

· **Chemicals known to cause cancer:**

| | |
|------------|----------------------------|
| 100-41-4 | ethylbenzene |
| 1333-86-4 | Carbon black |
| 13463-67-7 | titanium dioxide |
| 14808-60-7 | Quartz (SiO ₂) |

· **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 |
| 67-56-1 | methanol |
| 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 |
| 95-47-6 | o-xylene | I |
| 106-42-3 | p-xylene | I |

(Contd. on page 15)

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

(Contd. of page 14)

| | | |
|-----------|------------------|----|
| 108-38-3 | <i>m</i> -xylene | I |
| 108-88-3 | toluene | II |
| 7440-50-8 | copper | D |

· **TLV (Threshold Limit Value)**

| | | |
|------------|----------------------------|----|
| 67-64-1 | acetone | A4 |
| 1330-20-7 | xylene | A4 |
| 1330-20-7 | xylene | A4 |
| 100-41-4 | ethylbenzene | A3 |
| 1333-86-4 | Carbon black | A4 |
| 64-17-5 | ethanol | A3 |
| 13463-67-7 | titanium dioxide | A4 |
| 77-58-7 | dibutyltin dilaurate | A4 |
| 95-47-6 | <i>o</i> -xylene | A4 |
| 106-42-3 | <i>p</i> -xylene | A4 |
| 108-38-3 | <i>m</i> -xylene | A4 |
| 108-88-3 | toluene | A4 |
| 67-63-0 | propan-2-ol | A4 |
| 14808-60-7 | Quartz (SiO ₂) | A2 |

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

| | |
|------------|----------------------------|
| 1333-86-4 | Carbon black |
| 13463-67-7 | titanium dioxide |
| 14808-60-7 | Quartz (SiO ₂) |

· **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
ethylbenzene
bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate

· **Hazard statements**

Highly flammable liquid and vapor.
In contact with water releases flammable gases, which may ignite spontaneously.
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.

(Contd. on page 16)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

(Contd. of page 15)

Do not handle until all safety precautions have been read and understood.
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 Do not allow contact with water.
 Handle under inert gas. Protect from moisture.
 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.
 Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages.
 If eye irritation persists: Get medical advice/attention.
 Wash contaminated clothing before reuse.
 In case of fire: Use CO₂, sand, extinguishing powder to extinguish.
 Store in a dry place. Store in a closed container.
 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

(Contd. on page 17)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2407-1 NR CHARCOAL MIST METALLIC 2K SS FPC

(Contd. of page 16)

*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**Substances and mixtures which, in contact with water, emit flammable gases 1: Substances and mixtures which in contact with water emit flammable gases – Category 1**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 1A: Carcinogenicity – Category 1A**Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3*

USA