



Safety Data Sheet
acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

1 Identification

- **Product identifier**
- **Trade name:** HIT_2410-1 NR SWIFT RED 2K SS FPC
- **Article number:** 2410
- **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 3

H226 Flammable liquid and vapor.



GHS08 Health hazard

Germ Cell Mutagenicity 1B

H340 May cause genetic defects.

Carcinogenicity 1B

H350 May cause cancer.



GHS07

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).

(Contd. on page 2)

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2410-1 NR SWIFT RED 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.
 titanium dioxide
 ethylbenzene
 bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate

· **Hazard statements**

Flammable liquid and vapor.
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
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 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.
Wash contaminated clothing before reuse.
In case of fire: Use CO2, 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 = 0
 Fire = 3
 Reactivity = 0

(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_2410-1 NR SWIFT RED 2K SS FPC

(Contd. of page 2)

· HMIS-ratings (scale 0 - 4)

HEALTH	0	Health = *0
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	n-butyl acetate	25-50%
110-43-0	heptan-2-one	2.5-10%
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	0-≤2.5%
	DPP Red C.I Pigment 254	≤2.5%
41556-26-7	bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	≤2.5%
13463-67-7	titanium dioxide	≤2.5%
100-41-4	ethylbenzene	≤2.5%
64742-95-6	Solvent naphtha (petroleum), light arom.	≤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.
- **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.

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

(Contd. on page 4)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2410-1 NR SWIFT RED 2K SS FPC

(Contd. of page 3)

- **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	<i>n</i> -butyl acetate	5 ppm
110-43-0	heptan-2-one	150 ppm
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	9.3 mg/m ³
1330-20-7	xylene	130 ppm
67-64-1	acetone	200 ppm
79-20-9	methyl acetate	250 ppm
13463-67-7	titanium dioxide	30 mg/m ³
100-41-4	ethylbenzene	33 ppm
1309-37-1	diiron trioxide	15 mg/m ³
108-38-3	<i>m</i> -xylene	130 ppm
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
122-99-6	2-phenoxyethanol	1.5 ppm
34590-94-8	Dipropylene glycol monomethyl ether	150 ppm
77-58-7	dibutyltin dilaurate	1.1 mg/m ³
108-83-8	2,6-dimethylheptan-4-one	75 ppm
7664-38-2	phosphoric acid	3 mg/m ³
70657-70-4	2-methoxypropyl acetate	50 ppm
14808-60-7	Quartz (SiO ₂)	0.075 mg/m ³
57-55-6	Propylene glycol	30 mg/m ³
78-83-1	butanol	150 ppm

- **PAC-2:**

123-86-4	<i>n</i> -butyl acetate	200 ppm
110-43-0	heptan-2-one	670 ppm
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	100 mg/m ³
1330-20-7	xylene	920* ppm
67-64-1	acetone	3200* 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_2410-1 NR SWIFT RED 2K SS FPC

(Contd. of page 4)

79-20-9	<i>methyl acetate</i>	1,700 ppm
13463-67-7	<i>titanium dioxide</i>	330 mg/m ³
100-41-4	<i>ethylbenzene</i>	1100 ppm
1309-37-1	<i>diiron trioxide</i>	360 mg/m ³
108-38-3	<i>m-xylene</i>	920 ppm
108-65-6	<i>2-methoxy-1-methylethyl acetate</i>	1,000 ppm
122-99-6	<i>2-phenoxyethanol</i>	16 ppm
34590-94-8	<i>Dipropylene glycol monomethyl ether</i>	1700* ppm
77-58-7	<i>dibutyltin dilaurate</i>	3.8 mg/m ³
108-83-8	<i>2,6-dimethylheptan-4-one</i>	330 ppm
7664-38-2	<i>phosphoric acid</i>	30 mg/m ³
70657-70-4	<i>2-methoxypropyl acetate</i>	1,000 ppm
14808-60-7	<i>Quartz (SiO₂)</i>	8.3 mg/m ³
57-55-6	<i>Propylene glycol</i>	1,300 mg/m ³
78-83-1	<i>butanol</i>	1,300 ppm

· **PAC-3:**

123-86-4	<i>n-butyl acetate</i>	3000* ppm
110-43-0	<i>heptan-2-one</i>	4000* ppm
2530-83-8	<i>[3-(2,3-epoxypropoxy)propyl]trimethoxysilane</i>	230 mg/m ³
1330-20-7	<i>xylene</i>	2500* ppm
67-64-1	<i>acetone</i>	5700* ppm
79-20-9	<i>methyl acetate</i>	10000* ppm
13463-67-7	<i>titanium dioxide</i>	2,000 mg/m ³
100-41-4	<i>ethylbenzene</i>	1800 ppm
1309-37-1	<i>diiron trioxide</i>	2,200 mg/m ³
108-38-3	<i>m-xylene</i>	2500* ppm
108-65-6	<i>2-methoxy-1-methylethyl acetate</i>	5000* ppm
122-99-6	<i>2-phenoxyethanol</i>	97 ppm
34590-94-8	<i>Dipropylene glycol monomethyl ether</i>	9900** ppm
77-58-7	<i>dibutyltin dilaurate</i>	23 mg/m ³
108-83-8	<i>2,6-dimethylheptan-4-one</i>	2000* ppm
7664-38-2	<i>phosphoric acid</i>	150 mg/m ³
70657-70-4	<i>2-methoxypropyl acetate</i>	5,000 ppm
14808-60-7	<i>Quartz (SiO₂)</i>	50 mg/m ³
57-55-6	<i>Propylene glycol</i>	7,900 mg/m ³
78-83-1	<i>butanol</i>	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.

(Contd. on page 6)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2410-1 NR SWIFT RED 2K SS FPC

(Contd. of page 5)

- **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:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **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 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

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

- **Ingredients with biological limit values:**

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.

(Contd. on page 7)

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2410-1 NR SWIFT RED 2K SS FPC

(Contd. of page 6)

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.

· **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:

Red

· **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:

124-128 °C (255.2-262.4 °F)

· **Flash point:**

27 °C (80.6 °F)

· **Flammability:**

Flammable.

· **Auto igniting:**

370 °C (698 °F)

· **Decomposition temperature:**

Not determined.

· **Ignition temperature:**

Product is not selfigniting.

(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_2410-1 NR SWIFT RED 2K SS FPC

(Contd. of page 7)

· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· Explosion limits:	
Lower:	1.2 Vol %
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):	1.0461 g/cm ³ (8.7297 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:	42.9 %
Water:	0.0 %
VOC content:	42.08 %
	396.6 g/l / 3.31 lb/gal
Solids content:	57.8 %
· 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** 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:**

123-86-4 n-butyl acetate

Oral	LD50	13,100 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>21 mg/l (rat)

(Contd. on page 9)

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2410-1 NR SWIFT RED 2K SS FPC

(Contd. of page 8)

- **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
The product can cause inheritable damage.

- **Carcinogenic categories**

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

1330-20-7	xylene	3
13463-67-7	titanium dioxide	2B
100-41-4	ethylbenzene	2B
1309-37-1	diiron trioxide	3
95-47-6	o-xylene	3
106-42-3	p-xylene	3
108-38-3	m-xylene	3
14808-60-7	Quartz (SiO ₂)	1

- **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.		
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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.
- **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.

(Contd. on page 10)

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2410-1 NR SWIFT RED 2K SS FPC

(Contd. of page 9)

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

14 Transport information

· **UN-Number**
 · **DOT, IMDG, IATA** UN1263

· **UN proper shipping name**
 · **DOT** Paint
 · **IMDG, IATA** 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.

· **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

USA

(Contd. on page 11)

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2410-1 NR SWIFT RED 2K SS FPC

(Contd. of page 10)

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

95-47-6 o-xylene

106-42-3 p-xylene

108-38-3 m-xylene

122-99-6 2-phenoxyethanol

7664-38-2 phosphoric acid

· TSCA (Toxic Substances Control Act):

123-86-4 n-butyl acetate

ACTIVE

110-43-0 heptan-2-one

ACTIVE

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

ACTIVE

DPP Red C.I Pigment 254

ACTIVE

51274-00-1 ALPHA-IRON(III) OXIDE

ACTIVE

1047-16-1 Quinacridone

ACTIVE

1330-20-7 xylene

ACTIVE

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

ACTIVE

67-64-1 acetone

ACTIVE

79-20-9 methyl acetate

ACTIVE

13463-67-7 titanium dioxide

ACTIVE

100-41-4 ethylbenzene

ACTIVE

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

ACTIVE

1309-37-1 diiron trioxide

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

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

ACTIVE

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

ACTIVE

122-99-6 2-phenoxyethanol

ACTIVE

34590-94-8 Dipropylene glycol monomethyl ether

ACTIVE

77-58-7 dibutyltin dilaurate

ACTIVE

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

ACTIVE

7664-38-2 phosphoric acid

ACTIVE

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

ACTIVE

14808-60-7 Quartz (SiO₂)

ACTIVE

57-55-6 Propylene glycol

ACTIVE

78-83-1 butanol

ACTIVE

(Contd. on page 12)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2410-1 NR SWIFT RED 2K SS FPC

(Contd. of page 11)

· **Hazardous Air Pollutants**

1330-20-7	xylene
100-41-4	ethylbenzene
95-47-6	o-xylene
106-42-3	p-xylene
108-38-3	m-xylene

· **Proposition 65**

· **Chemicals known to cause cancer:**

13463-67-7	titanium dioxide
100-41-4	ethylbenzene
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:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

1330-20-7	xylene	I
67-64-1	acetone	I
100-41-4	ethylbenzene	D
95-47-6	o-xylene	I
106-42-3	p-xylene	I
108-38-3	m-xylene	I

· **TLV (Threshold Limit Value)**

1330-20-7	xylene	A4
67-64-1	acetone	A4
13463-67-7	titanium dioxide	A4
100-41-4	ethylbenzene	A3
1309-37-1	diiron trioxide	A4
95-47-6	o-xylene	A4
106-42-3	p-xylene	A4
108-38-3	m-xylene	A4
77-58-7	dibutyltin dilaurate	A4
14808-60-7	Quartz (SiO ₂)	A2

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

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).

(Contd. on page 13)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/16/2025

Reviewed on 07/16/2025

Trade name: HIT_2410-1 NR SWIFT RED 2K SS FPC

(Contd. of page 12)

- **Hazard pictograms**



GHS02 GHS07 GHS08

- **Signal word** Danger

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

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

- **Hazard statements**

Flammable liquid and vapor.
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
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 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.
Wash contaminated clothing before reuse.
In case of fire: Use CO2, 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.

USA

(Contd. on page 14)

Safety Data Sheet

acc. to OSHA HCS

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Trade name: HIT_2410-1 NR SWIFT RED 2K SS FPC

(Contd. of page 13)

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 3: Flammable liquids – Category 3

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