



Safety Data Sheet acc. to OSHA HCS

Printing date 08/22/2019

Reviewed on 08/22/2019

1 Identification

- **Product identifier**
- **Trade name: 1402 2.8 VOC GLOSS BLACK SINGLE STAGE**
- **Article number: 1402**
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 - High Teck Products
 - P.O. Box 24631
 - West Palm Beach, FL. 33416
 - USA
- **Information department: Product safety department**
- **Emergency telephone number:**
 - 24 Hrs Emergency Contact:
 - CHEMTREC
 - 800-424-9300

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Muta. 1B H340 May cause genetic defects.

Carc. 1B H350 May cause cancer.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Label elements**

- **GHS label elements**

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

(Contd. on page 2)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/22/2019

Reviewed on 08/22/2019

Trade name: 1402 2.8 VOC GLOSS BLACK SINGLE STAGE

(Contd. of page 1)

· Hazard pictograms



GHS02 GHS07 GHS08

· Signal word Danger

· Hazard-determining components of labeling:

Carbon black

Solvent naphtha (petroleum), light arom.

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

· Hazard statements

Highly flammable liquid and vapor.

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

May cause genetic defects.

May cause cancer.

· 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.

Keep container tightly closed.

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.

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 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.

Specific treatment (see on this label).

Take off contaminated clothing and wash it before reuse.

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 for extinction: CO₂, powder or water spray.

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

(Contd. on page 3)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/22/2019

Reviewed on 08/22/2019

Trade name: 1402 2.8 VOC GLOSS BLACK SINGLE STAGE

(Contd. of page 2)

· 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 | n-butyl acetate | 10-25% |
| 98-56-6 | 4-chloro-alpha,alpha,alpha-trifluorotoluene | 2.5-10% |
| 67-64-1 | acetone | 2.5-10% |
| 110-43-0 | heptan-2-one | 2.5-10% |
| 2530-83-8 | [3-(2,3-epoxypropoxy)propyl]trimethoxysilane | 0-10% |
| 1333-86-4 | Carbon black | 2.5-10% |
| 1330-20-7 | xylene | 2.5-10% |
| 64742-95-6 | Solvent naphtha (petroleum), light arom. | ≤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.

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

(Contd. on page 4)

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/22/2019

Reviewed on 08/22/2019

Trade name: 1402 2.8 VOC GLOSS BLACK SINGLE STAGE

(Contd. of page 3)

- **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.
- **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:

| | | |
|-----------|--|-----------------------|
| 123-86-4 | n-butyl acetate | 5 ppm |
| 67-64-1 | acetone | 200 ppm |
| 110-43-0 | heptan-2-one | 150 ppm |
| 2530-83-8 | [3-(2,3-epoxypropoxy)propyl]trimethoxysilane | 9.3 mg/m ³ |
| 1333-86-4 | Carbon black | 9 mg/m ³ |
| 1330-20-7 | xylene | 130 ppm |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 50 ppm |
| 71-36-3 | butan-1-ol | 60 ppm |
| 122-99-6 | 2-Phenoxyethanol | 1.5 ppm |
| 100-41-4 | ethylbenzene | 33 ppm |
| 7664-38-2 | phosphoric acid | 3 mg/m ³ |
| 77-58-7 | dibutyltin dilaurate | 1.1 mg/m ³ |

· PAC-2:

| | | |
|-----------|--|-----------------------|
| 123-86-4 | n-butyl acetate | 200 ppm |
| 67-64-1 | acetone | 3200* ppm |
| 110-43-0 | heptan-2-one | 670 ppm |
| 2530-83-8 | [3-(2,3-epoxypropoxy)propyl]trimethoxysilane | 100 mg/m ³ |
| 1333-86-4 | Carbon black | 99 mg/m ³ |
| 1330-20-7 | xylene | 920* ppm |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 1,000 ppm |
| 71-36-3 | butan-1-ol | 800 ppm |
| 122-99-6 | 2-Phenoxyethanol | 16 ppm |
| 100-41-4 | ethylbenzene | 1100* ppm |
| 7664-38-2 | phosphoric acid | 30 mg/m ³ |
| 77-58-7 | dibutyltin dilaurate | 8 mg/m ³ |

· PAC-3:

| | | |
|----------|-----------------|-----------|
| 123-86-4 | n-butyl acetate | 3000* ppm |
|----------|-----------------|-----------|

(Contd. on page 5)

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/22/2019

Reviewed on 08/22/2019

Trade name: 1402 2.8 VOC GLOSS BLACK SINGLE STAGE

(Contd. of page 4)

| | | |
|-----------|--|-----------------------|
| 67-64-1 | acetone | 5700* ppm |
| 110-43-0 | heptan-2-one | 4000* ppm |
| 2530-83-8 | [3-(2,3-epoxypropoxy)propyl]trimethoxysilane | 230 mg/m ³ |
| 1333-86-4 | Carbon black | 590 mg/m ³ |
| 1330-20-7 | xylene | 2500* ppm |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 5000* ppm |
| 71-36-3 | butan-1-ol | 8000** ppm |
| 122-99-6 | 2-Phenoxyethanol | 97 ppm |
| 100-41-4 | ethylbenzene | 1800* ppm |
| 7664-38-2 | phosphoric acid | 150 mg/m ³ |
| 77-58-7 | dibutyltin dilaurate | 48 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.

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 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 |

(Contd. on page 6)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/22/2019

Reviewed on 08/22/2019

Trade name: 1402 2.8 VOC GLOSS BLACK SINGLE STAGE

(Contd. of page 5)

67-64-1 acetone

PEL Long-term value: 2400 mg/m³, 1000 ppm
 REL Long-term value: 590 mg/m³, 250 ppm
 TLV Short-term value: 1187 mg/m³, 500 ppm
 Long-term value: 594 mg/m³, 250 ppm
 BEI

110-43-0 heptan-2-one

PEL Long-term value: 465 mg/m³, 100 ppm
 REL Long-term value: 465 mg/m³, 100 ppm
 TLV Long-term value: 233 mg/m³, 50 ppm

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

1330-20-7 xylene

PEL Long-term value: 435 mg/m³, 100 ppm
 REL Short-term value: 655 mg/m³, 150 ppm
 Long-term value: 435 mg/m³, 100 ppm
 TLV Short-term value: 651 mg/m³, 150 ppm
 Long-term value: 434 mg/m³, 100 ppm
 BEI

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

BEI 50 mg/L
 Medium: urine
 Time: end of shift
 Parameter: Acetone (nonspecific)

1330-20-7 xylene

BEI 1.5 g/g creatinine
 Medium: urine
 Time: end of shift
 Parameter: Methylhippuric acids

· **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 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 7)

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/22/2019

Reviewed on 08/22/2019

Trade name: 1402 2.8 VOC GLOSS BLACK SINGLE STAGE

(Contd. of page 6)

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:

Fluid

Color:

According to product specification

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 (solid, gaseous):

Not applicable.

Ignition temperature:

370 °C (698 °F)

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:

1.2 Vol %

(Contd. on page 8)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/22/2019

Reviewed on 08/22/2019

Trade name: 1402 2.8 VOC GLOSS BLACK SINGLE STAGE

(Contd. of page 7)

| | |
|---|--|
| Upper: | 7.5 Vol % |
| · Vapor pressure at 20 °C (68 °F): | 10.7 hPa (8 mm Hg) |
| · Density at 20 °C (68 °F): | 1.0662 g/cm ³ (8.8974 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: | Not determined. |
| Kinematic: | Not determined. |
| · Solvent content: | |
| Organic solvents: | 26.9 % |
| VOC content: | 20.63 % |
| | 156.2 g/l / 1.30 lb/gal |
| · Solids content: | 55.0 % |
| · 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:**

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

| | | |
|------------|----------|--------------------|
| Oral | LD50 | >6,800 mg/kg (rat) |
| Dermal | LD50 | >3,400 mg/kg (rab) |
| Inhalative | LC50/4 h | >10.2 mg/l (rat) |

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **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

(Contd. on page 9)

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/22/2019

Reviewed on 08/22/2019

Trade name: 1402 2.8 VOC GLOSS BLACK SINGLE STAGE

(Contd. of page 8)

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 |
| 100-41-4 | ethylbenzene | 2B |

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

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

None of the ingredients is listed.

12 Ecological information

· **Toxicity**

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

· **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.

14 Transport information

· **UN-Number**

· **DOT, IMDG, IATA**

UN1263

· **UN proper shipping name**

· **DOT**

· **IMDG, IATA**

Paint

PAINT

(Contd. on page 10)

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/22/2019

Reviewed on 08/22/2019

Trade name: 1402 2.8 VOC GLOSS BLACK SINGLE STAGE

(Contd. of page 9)

· **Transport hazard class(es)**· **DOT**· **Class**

3 Flammable liquids

· **Label**

3

· **IMDG, IATA**· **Class**

3 Flammable liquids

· **Label**

3

· **Packing group**· **DOT, IMDG, IATA**

II

· **Environmental hazards:**

Not applicable.

· **Special precautions for user**

Warning: Flammable liquids

· **Danger code (Kemler):**

33

· **EMS Number:**

F-E, S-E

· **Stowage Category**

B

· **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: 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

71-36-3 butan-1-ol

(Contd. on page 11)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/22/2019

Reviewed on 08/22/2019

Trade name: 1402 2.8 VOC GLOSS BLACK SINGLE STAGE

(Contd. of page 10)

| | |
|-----------|------------------|
| 122-99-6 | 2-Phenoxyethanol |
| 100-41-4 | ethylbenzene |
| 7664-38-2 | phosphoric acid |

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

All components have the value ACTIVE.

· **Hazardous Air Pollutants**

| | |
|-----------|--------------|
| 1330-20-7 | xylene |
| 100-41-4 | ethylbenzene |

· **Proposition 65**

· **Chemicals known to cause cancer:**

| | |
|-----------|---|
| 98-56-6 | 4-chloro-alpha,alpha,alpha-trifluorotoluene |
| 1333-86-4 | Carbon black |
| 100-41-4 | ethylbenzene |

· **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)**

| | | |
|-----------|--------------|---|
| 67-64-1 | acetone | I |
| 1330-20-7 | xylene | I |
| 71-36-3 | butan-1-ol | D |
| 100-41-4 | ethylbenzene | D |

· **TLV (Threshold Limit Value established by ACGIH)**

| | | |
|-----------|----------------------|----|
| 67-64-1 | acetone | A4 |
| 1333-86-4 | Carbon black | A4 |
| 1330-20-7 | xylene | A4 |
| 100-41-4 | ethylbenzene | A3 |
| 77-58-7 | dibutyltin dilaurate | A4 |

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

| | |
|-----------|--------------|
| 1333-86-4 | Carbon black |
|-----------|--------------|

· **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:**

Carbon black

(Contd. on page 12)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/22/2019

Reviewed on 08/22/2019

Trade name: 1402 2.8 VOC GLOSS BLACK SINGLE STAGE

(Contd. of page 11)

Solvent naphtha (petroleum), light arom.
bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate

· **Hazard statements**

Highly flammable liquid and vapor.

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

May cause genetic defects.

May cause cancer.

· **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.

Keep container tightly closed.

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.

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 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.

Specific treatment (see on this label).

Take off contaminated clothing and wash it before reuse.

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 for extinction: CO₂, powder or water spray.

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.

· **Department issuing SDS:** Environment protection department.

· **Contact:** Product Safety Dept.

· **Date of preparation / last revision** 08/22/2019 / -

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

(Contd. on page 13)

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/22/2019

Reviewed on 08/22/2019

Trade name: 1402 2.8 VOC GLOSS BLACK SINGLE STAGE

(Contd. of page 12)

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
Flam. Liq. 2: Flammable liquids – Category 2
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Skin Sens. 1: Skin sensitisation – Category 1
Muta. 1B: Germ cell mutagenicity – Category 1B
Carc. 1B: Carcinogenicity – Category 1B

USA