

1 Identification

- **Product identifier**
- **Trade name:** 40641,40644,40645 Pro-Tex BlackTruckbed Liner
- **Article number:** 40641, 40644, 40645
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Coating
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
SEM Products Inc.
1685 Overview Drive
Rock Hill, SC 29730
803 207 8225
- **Information department:**
cust_care@semproducts.com : SEM Products,Inc. 1685 Overview Dr. Rock Hill, SC 29730 : phone 1-800-831-1122, M - TH 7am - 4pm EDT
- **Emergency telephone number:** CHEMTREC 1-800-424-9300

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.

Repr. 2 H361 Suspected of damaging fertility or the unborn child.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

STOT SE 3 H335 May cause respiratory irritation.

- **Label elements**

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

- **Hazard pictograms**



GHS02



GHS07



GHS08

- **Signal word** Warning

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

POLYESTER RESIN

Talc

heptan-2-one

Carbon black

· **Hazard statements**

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H351 Suspected of causing cancer.

H361 Suspected of damaging fertility or the unborn child.

H335 May cause respiratory irritation.

· **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P280 Wear protective gloves / eye protection / face protection.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see on this label).

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 3

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 1

Fire = 3

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: consisting of the following components.

Weight percentages

(Contd. on page 3)



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| · Dangerous components: | | |
|--------------------------------|---------------------------------|----------|
| 14807-96-6 | Talc | 13 - 30% |
| | ACRYLIC RESIN | 13 - 30% |
| | POLYESTER RESIN | 7 - 10% |
| | POLYESTER RESIN | 7 - 10% |
| 67-64-1 | acetone | 7 - 10% |
| 123-86-4 | n-butyl acetate | 5 - 7% |
| 110-43-0 | heptan-2-one | 1.5 - 5% |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 1.5 - 5% |
| 112945-52-5 | SILICA | 1-1.5% |
| 1333-86-4 | Carbon black | 1-1.5% |
| 1330-20-7 | xylene | 1-1.5% |
| 108-88-3 | toluene | ≤1% |

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** 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, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **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:** 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).
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents

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- **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.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
No special measures required.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **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 item 7.
- **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

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: (1782) NIC-1187 mg/m ³ , (750) NIC-500 ppm Long-term value: (1188) NIC-594 mg/m ³ , (500) NIC-250 ppm BEI |

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: 950 mg/m ³ , 200 ppm Long-term value: 713 mg/m ³ , 150 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: 233 mg/m ³ , 50 ppm |

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

| | |
|------|-------------------------|
| WEEL | Long-term value: 50 ppm |
|------|-------------------------|

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1333-86-4 Carbon black

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

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 | Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 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.
- 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:**

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



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **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.

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- **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: | According to product specification |
| · Odor: | Characteristic |
| · Odour threshold: | Not determined. |

· **pH-value:** Not determined.

· Change in condition

| | |
|------------------------------|---------------|
| Melting point/Melting range: | Undetermined. |
| Boiling point/Boiling range: | 124 °C |

· **Flash point:** 27 °C

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 370 °C

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** In use, may form flammable/explosive vapour-air mixture.

· Explosion limits:

| | |
|--------|-----------------|
| Lower: | Not determined. |
| Upper: | Not determined. |

· **Vapor pressure:** Not determined.

| | |
|----------------------------|------------------------|
| · Density at 20 °C: | 1.23 g/cm ³ |
| · Relative density | Not determined. |
| · Vapour 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. |

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| | |
|---|------------------------|
| · Solvent content: | |
| Organic solvents: | 25.8 % |
| VOC content: | 18.0 % |
| | 252.7 g/l / 2.11 lb/gl |
| · Solids content: 74.1 % | |
| · Other information No further relevant information available. | |

10 Stability and reactivity

- **Reactivity**
- **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:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

· **Carcinogenic categories**

| | | |
|---|-----------------|----|
| · IARC (International Agency for Research on Cancer) | | |
| 14807-96-6 | Talc | 2B |
| 1333-86-4 | Carbon black | 2B |
| 1330-20-7 | xylene | 3 |
| 108-88-3 | toluene | 3 |
| 111-76-2 | 2-butoxyethanol | 3 |

· **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.

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- **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.

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, ADR, IMDG, IATA** UN1263
- **UN proper shipping name**
- **DOT** Paint
- **ADR** 1263 Paint, special provision 640E
- **IMDG, IATA** PAINT
- **Transport hazard class(es)**
- **DOT**
- 
- **Class** 3 Flammable liquids
- **Label** 3
- **ADR, IMDG, IATA**
- 
- **Class** 3 Flammable liquids
- **Label** 3

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| | |
|---|--|
| · Packing group · DOT, ADR, IMDG, IATA | <i>III</i> |
| · Environmental hazards: · Marine pollutant: | <i>No</i> |
| · Special precautions for user · EMS Number: | <i>Warning: Flammable liquids F-E,S-E</i> |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | <i>Not applicable.</i> |
| · Transport/Additional information: · DOT · Quantity limitations | <i>On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L</i> |
| · ADR · Excepted quantities (EQ) | <i>Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml</i> |
| · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) | <i>5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml</i> |
| · UN "Model Regulation": | <i>UN1263, Paint, special provision 640E, 3, III</i> |

15 Regulatory information

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

| | |
|--|--|
| · Section 355 (extremely hazardous substances): | <i>None of the ingredient is listed.</i> |
| · Section 313 (Specific toxic chemical listings): | |
| 14807-96-6 | <i>Talc</i> |
| | <i>ACRYLIC RESIN</i> |
| 1330-20-7 | <i>xylene</i> |
| 108-88-3 | <i>toluene</i> |
| 111-76-2 | <i>2-butoxyethanol</i> |
| · TSCA (Toxic Substances Control Act): | |
| 14807-96-6 | <i>Talc</i> |
| 67-64-1 | <i>acetone</i> |
| 123-86-4 | <i>n-butyl acetate</i> |
| 110-43-0 | <i>heptan-2-one</i> |
| 763-69-9 | <i>ethyl 3-ethoxypropionate</i> |
| 108-65-6 | <i>2-methoxy-1-methylethyl acetate</i> |

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| | |
|-----------|----------------------|
| 1333-86-4 | Carbon black |
| 1330-20-7 | xylene |
| 108-88-3 | toluene |
| 77-58-7 | dibutyltin dilaurate |
| 111-76-2 | 2-butoxyethanol |
| 9038-95-3 | OXIRANE,ME, POLYMER |

· **Proposition 65**

· **Chemicals known to cause cancer:**

| | |
|-----------|--------------|
| 1333-86-4 | Carbon black |
| 1330-20-7 | xylene |

· **Chemicals known to cause reproductive toxicity for females:**

| | |
|----------|---------|
| 108-88-3 | toluene |
|----------|---------|

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

| | |
|----------|---------|
| 108-88-3 | toluene |
|----------|---------|

· **Cancerogenity categories**

· **EPA (Environmental Protection Agency)**

| | | |
|-----------|-----------------|----|
| 67-64-1 | acetone | I |
| 1330-20-7 | xylene | I |
| 108-88-3 | toluene | II |
| 111-76-2 | 2-butoxyethanol | NL |

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

| | | |
|------------|----------------------|----|
| 14807-96-6 | Talc | A4 |
| 67-64-1 | acetone | A4 |
| 1333-86-4 | Carbon black | A4 |
| 1330-20-7 | xylene | A4 |
| 108-88-3 | toluene | A4 |
| 77-58-7 | dibutyltin dilaurate | A4 |
| 111-76-2 | 2-butoxyethanol | A3 |

· **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** Warning

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

POLYESTER RESIN
Talc

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heptan-2-one

Carbon black

· **Hazard statements**

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H351 Suspected of causing cancer.

H361 Suspected of damaging fertility or the unborn child.

H335 May cause respiratory irritation.

· **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P280 Wear protective gloves / eye protection / face protection.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see on this label).

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **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:** Steve Gaver (sgaver@semproducts.com)

· **Date of preparation / last revision** 04/01/2015 / 3

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

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

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)

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

Carc. 2: Carcinogenicity, Hazard Category 2

Repr. 2: Reproductive toxicity, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

· *** Data compared to the previous version altered.**