

Safety Data Sheet

according to HPR, Schedule 1

Printing date 03/14/2017

Reviewed on 03/14/2017

* 1 Identification

- **Product identifier**
- **Trade name:** 77453 2K Quicksand Urethane Primer - Buff
- **Article number:** 77453
- **Application of the substance / the mixture** Coating
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
High Teck Products
PO Box 24631, West Palm Beach, FL 33416
- **Information department:**
877-900-8325
info@highteckproducts.com
- **Emergency telephone number:** CHEMTREC 1-800-424-9300

* 2 Hazard identification

- **Classification of the substance or mixture**



GHS02 Flame

Flammable Liquids - Category 3 H226 Flammable liquid and vapour.



GHS07

Skin Irritation - Category 2

H315 Causes skin irritation.

Eye Irritation - Category 2A

H319 Causes serious eye irritation.

- **Label elements**

- **GHS label elements**

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

- **Hazard pictograms**



GHS02



GHS07

- **Signal word** Warning

- **Hazard statements**

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

- **Precautionary statements**

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241

Use explosion-proof [electrical/ventilating/lighting] equipment.

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P280	Wear protective gloves/protective clothing/eye protection/face protection.
P240	Ground and bond container and receiving equipment.
P233	Keep container tightly closed.
P242	Use non-sparking tools.
P243	Take actions to prevent static discharges.
P264	Wash thoroughly after handling.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use for extinction: CO ₂ , powder or water spray.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system:**

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



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

HEALTH	1	Health = 1
FIRE	3	Fire = 3
REACTIVITY	0	Reactivity = 0

* 3 Composition/Information on ingredients

- **Chemical characterization: Mixtures**

- **Description:**

Mixture: consisting of the following components.
Weight percentages

- **Dangerous components:**

7727-43-7 barium sulphate, natural	15-40% w/w
1330-20-7 xylene	10-30% w/w
123-86-4 n-butyl acetate	5-10% w/w
14807-96-6 Talc	5-10% w/w
67-64-1 acetone	1-5% w/w
POLYESTER RESIN	1-5% w/w
78-93-3 butanone	1-5% w/w

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68911-87-5 montmorilontie clay complex

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1-5% w/w

* 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 Firefighting 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
- **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.
- **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.
- **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.

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- **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:**

7727-43-7 barium sulphate, natural

EL Long-term value: 10* 3** mg/m³
*total dust, **respirable fraction

EV Long-term value: 10 mg/m³
total dust

1330-20-7 xylene

EL Short-term value: 150 ppm
Long-term value: 100 ppm

EV Short-term value: 650 mg/m³, 150 ppm
Long-term value: 435 mg/m³, 100 ppm

123-86-4 n-butyl acetate

EL Long-term value: 20 ppm

EV Short-term value: 950 mg/m³, 200 ppm
Long-term value: 710 mg/m³, 150 ppm

67-64-1 acetone

EL Short-term value: 500 ppm
Long-term value: 250 ppm

EV Short-term value: 750 ppm
Long-term value: 500 ppm

78-93-3 butanone

EL Short-term value: 100 ppm
Long-term value: 50 ppm

EV Short-term value: 885 mg/m³, 300 ppm
Long-term value: 590 mg/m³, 200 ppm

- **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:** Not required.

- **Protection of hands:**

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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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.

- **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

- **Odor threshold:**

Not determined.

- **pH-value:**

Not determined.

- **Change in condition**

Melting point/Melting range:

Undetermined.

Boiling point/Boiling range:

124 °C

- **Flash point:**

28 °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:

1.1 Vol %

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Upper:	7.0 Vol %
· Vapor pressure at 20 °C:	6.7 hPa
· Density at 20 °C:	2.60623 g/cm ³
· 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:	30.4 %
VOC content:	26.6 %
	438.0 g/l / 3.66 lb/gl
Solids content:	69.4 %
· 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:**
- 1330-20-7 xylene**
- Oral LD50 4300 mg/kg (rat)
- Dermal LD50 2000 mg/kg (rabbit)
- **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:

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Irritant

- **Carcinogenic categories**

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

1330-20-7 xylene	3
14807-96-6 Talc	3
13463-67-7 titanium dioxide	2B
100-41-4 ethylbenzene	2B
7631-86-9 silicon dioxide, chemically prepared	3

- **NTP (National Toxicology Program)**

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.

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, TDG, IMDG, IATA** UN1263

- **UN proper shipping name**

- **DOT** Paint

- **TDG** 1263 Paint, special provision 640E

- **IMDG, IATA** PAINT

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

3 Flammable liquids

· **Label**

3

· **TDG, IMDG, IATA**· **Class**

3 Flammable liquids

· **Label**

3

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

III

· **Environmental hazards:**· **Marine pollutant:**

No

· **Special precautions for user**

Warning: Flammable liquids

· **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

· **TDG**· **Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· **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, SPECIAL PROVISION 640E, 3, III

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*15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

7727-43-7 barium sulphate, natural

1330-20-7 xylene

Acrylic Resin

14807-96-6 Talc

78-93-3 butanone

67-56-1 methanol

100-41-4 ethylbenzene

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

7727-43-7 barium sulphate, natural

1330-20-7 xylene

123-86-4 n-butyl acetate

14807-96-6 Talc

13463-67-7 titanium dioxide

67-64-1 acetone

78-93-3 butanone

68911-87-5 montmorilontie clay complex

51274-00-1 YELLOW IRON OXIDE

67-56-1 methanol

9038-95-3 OXIRANE,ME, POLYMER

100-41-4 ethylbenzene

77-58-7 dibutyltin dilaurate

19549-80-5 4,6-dimethylheptan-2-one

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

78-83-1 butanol

57-55-6 Methyl glycol

21645-51-2 aluminium hydroxide

7631-86-9 silicon dioxide, chemically prepared

· **Canadian substance listings:**

· **Canadian Domestic Substances List (DSL)**

7727-43-7 barium sulphate, natural

1330-20-7 xylene

123-86-4 n-butyl acetate

14807-96-6 Talc

13463-67-7 titanium dioxide

67-64-1 acetone

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78-93-3 butanone
 68911-87-5 montmorilontie clay complex
 51274-00-1 YELLOW IRON OXIDE
 67-56-1 methanol
 9038-95-3 OXIRANE,ME, POLYMER
 100-41-4 ethylbenzene
 77-58-7 dibutyltin dilaurate
 19549-80-5 4,6-dimethylheptan-2-one
 108-83-8 2,6-dimethylheptan-4-one
 78-83-1 butanol
 57-55-6 Methyl glycol
 21645-51-2 aluminium hydroxide
 7631-86-9 silicon dioxide, chemically prepared

· **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

123-86-4 n-butyl acetate
 67-64-1 acetone
 78-93-3 butanone

· **GHS label elements**

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

· **Hazard pictograms**



GHS02

GHS07

· **Signal word** Warning

· **Hazard statements**

H226 Flammable liquid and vapour.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.

· **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P240 Ground and bond container and receiving equipment.
 P233 Keep container tightly closed.
 P242 Use non-sparking tools.
 P243 Take actions to prevent static discharges.
 P264 Wash thoroughly after handling.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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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).

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P370+P378 In case of fire: Use for extinction: CO₂, powder or water spray.

P362+P364 Take off contaminated clothing and wash it before reuse.

P403+P235 Store in a well-ventilated place. Keep cool.

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:** 877 900 8325

- **Date of preparation / last revision** 03/14/2017 / 8

- **Abbreviations and acronyms:**

ICAO: International Civil Aviation Organisation

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

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

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