

1 Identification

Product identifier

Trade Name: Tactile Bond & Seal

Relevant identified uses of the substance or mixture: Sealant

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Access Products Inc.
241 Main Street Suite 100
Buffalo, NY 14203

Emergency telephone number: Chemtrec
1-800-424-9300
Int'l 703-527-3887 (collect)
301037/10-10

2 Hazard(s) identification

Classification of the substance or mixture



GHS08 Health hazard

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.
Eye Irrit. 2B H320 Causes eye irritation.

Label elements

- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms



GHS08

Signal word Danger

Hazard statements

May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.

Precautionary statements

If medical advice is needed, have product container or label at hand.

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Keep out of reach of children.

Read label before use.

In case of inadequate ventilation wear respiratory protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Specific treatment (see on this label).

If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

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

· Classification system:

· NFPA ratings (scale 0 - 4)



Health = 2

Fire = 1

Reactivity = 0

· HMIS-ratings (scale 0 - 4)



Health = 2

Fire = 1

Physical Hazard = 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:

| | | |
|------------|---|---------|
| | urethane polymer | 25-50% |
| 9002-86-2 | polyvinyl chloride | 25-50% |
| | Plasticizer Blend | 5-20% |
| 1330-20-7 | xylene | 2.5-10% |
| 13463-67-7 | titanium dioxide | 2.5-10% |
| 64742-47-8 | Distillates (petroleum), hydrotreated light | ≤2.5% |
| 100-41-4 | ethylbenzene | ≤ 0.1% |
| 101-68-8 | 4,4'-methylenediphenyl diisocyanate | ≤0.5% |
| 1333-86-4 | Carbon black | ≤0.09% |

4 First-aid measures

· Description of first aid measures

· After inhalation:

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact: Wash contaminated skin with soap and water.

· After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

· After swallowing:

Rinse out mouth with water. Drink 1 - 2 glasses of water but DO NOT induce vomiting. Do not give liquids to a drowsy, convulsing or unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Seek medical treatment.

· Information for doctor:

· Most important symptoms and effects, both acute and delayed No further relevant information available.

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- **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.
Use fire fighting measures that suit the environment.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Keep away from ignition sources
- **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).
Dispose of contaminated material as waste in accordance with federal state and local regulations.
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 Ensure good ventilation/exhaustion at the workplace.
Information about protection against explosions and fires: Keep ignition sources away - Do not smoke.
Conditions for safe storage, including any incompatibilities
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location away from direct heat.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **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.

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· **Control parameters**· **Components with limit values that require monitoring at the workplace:****1330-20-7 xylene (2.5-10%)**PEL Long-term value: 435 mg/m³, 100 ppmREL Short-term value: 655 mg/m³, 150 ppmLong-term value: 435 mg/m³, 100 ppmTLV Short-term value: 651 mg/m³, 150 ppmLong-term value: 434 mg/m³, 100 ppm

BEI

13463-67-7 titanium dioxide (2.5-10%)PEL Long-term value: 15* mg/m³

*total dust

REL See Pocket Guide App. A

TLV Long-term value: (10) NIC-1* mg/m³

*respirable fraction, NIC-A3

100-41-4 ethylbenzene (≤0.1%)PEL Long-term value: 435 mg/m³, 100 ppmREL Short-term value: 545 mg/m³, 125 ppmLong-term value: 435 mg/m³, 100 ppmTLV Short-term value: 543 mg/m³, 125 ppmLong-term value: 87 mg/m³, 20 ppm

BEI

101-68-8 4,4'-methylenediphenyl diisocyanate (≤0.5%)PEL Ceiling limit value: 0.2 mg/m³, 0.02 ppmREL Long-term value: 0.05 mg/m³, 0.005 ppmCeiling limit value: 0.2* mg/m³, 0.02* ppm

*10-min

TLV Long-term value: 0.051 mg/m³, 0.005 ppm· **Ingredients with biological limit values:****1330-20-7 xylene (2.5-10%)**

BEI 1.5 g/g creatinine

Medium: urine

Time: end of shift

Parameter: Methylhippuric acids

100-41-4 ethylbenzene (≤0.1%)

BEI 0.7 g/g creatinine

Medium: urine

Time: end of shift at end of workweek

Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)

-

Medium: end-exhaled air

Time: not critical

Parameter: Ethyl benzene (semi-quantitative)

· **Additional information:** The lists that were valid during the creation were used as basis.

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- **Exposure controls**
- **Personal protective equipment (see listings below)**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
- **Breathing equipment:**
Use approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer.
- **Protection of hands:**



Protective gloves

- **Eye protection:** Safety glasses with side shields.
- **Body protection:** Protective work clothing

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Viscous paste

Color: Gray

· Odor: Characteristic

· Change in condition

Melting point: Undetermined.

Boiling point: Undetermined.

· Flash point: 58 °C (136 °F) (solvent)

· Auto igniting: Product is not selfigniting.

· Danger of explosion: Product does not present an explosion hazard.

· Specific gravity: 1.170

· Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

· Partition coefficient (n-octanol/water): N/D

· Solvent content:

Solids content: 91.0 - 96.0%

· Other information VOC: = 74 G/L

WEIGHT PER GALLON: = 9.74 LBS

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

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- **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:**
Oxides of carbon and nitrogen.
Isocyanate
- **Additional information:** AVOID EXPOSURE TO AIR OR MOISTURE UNTIL READY TO USE.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

101-68-8 4,4'-methylenediphenyl diisocyanate

Oral LD50 2200 mg/kg (mouse)

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** Inhalation - Sensitization possible through inhalation.
- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful

- **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 |
| 101-68-8 | 4,4'-methylenediphenyl diisocyanate | 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:** At present there are no ecotoxicological assessments.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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13 Disposal considerations

- Waste treatment methods
- Recommendation: Must be specially treated adhering to official regulations.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

14 Transport information

| | | |
|--|--|--|
| · UN-Number | Void | |
| · DOT, ADR, ADN, IMDG, IATA | Void | |
| · UN proper shipping name | Void | |
| · DOT, ADR, IMDG, IATA | Void | |
| · Transport hazard class(es) | |  |
| · DOT | Void | |
| · Class ADR, IMDG, IATA | Void | |
| · Packing group | Void | |
| · DOT, ADR, IMDG, IATA | Void | |
| · Environmental hazards: | Not applicable. | |
| · Special precautions for user | Not applicable. | |
| · Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable. | |
| · Transport/Additional information: | DOT, ADR, IMDG, IATA - Not regulated in transport. Not dangerous according to the above specifications. | |
| · UN "Model Regulation": | - | |

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 | |
| 101-68-8 | 4,4'-methylenediphenyl diisocyanate | |
| · TSCA (Toxic Substances Control Act): | All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements. | |
| · Proposition 65 | | |
| · Chemicals known to cause cancer: | | |
| 100-41-4 | ethylbenzene | |

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

None of the ingredients is listed.

· **(DSL) Canada Domestic Substance List**

All components of this product are on the DSL(Canada Domestic Substance list) or are exempt from DSL requirements.

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

| | | |
|-----------|-------------------------------------|-----|
| 1330-20-7 | xylene | I |
| 100-41-4 | ethylbenzene | D |
| 101-68-8 | 4,4'-methylenediphenyl diisocyanate | CBD |

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

| | | |
|------------|------------------|----|
| 1330-20-7 | xylene | A4 |
| 13463-67-7 | titanium dioxide | A4 |
| 100-41-4 | ethylbenzene | A3 |

· **MAK (German Maximum Workplace Concentration)**

| | | |
|------------|-------------------------------------|----|
| 13463-67-7 | titanium dioxide | 3A |
| 100-41-4 | ethylbenzene | 3A |
| 101-68-8 | 4,4'-methylenediphenyl diisocyanate | 4 |

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

| | | |
|------------|------------------|--|
| 13463-67-7 | titanium dioxide | |
|------------|------------------|--|

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

None of the ingredients is listed.

· **National regulations:**

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

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

Although the information and recommendations set forth in this SDS are presented in good faith and are believed to be correct as of the date of this SDS, Access Products Inc. makes no representations as to the completeness or accuracy thereof. Information is supplied on the condition that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will Access Products Inc. or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.

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

· **Creation Date:** 06/29/2007

· **Date of preparation / last revision:** 3/11/2014 / 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 Organization

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

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*CAS: Chemical Abstracts Service (division of the American Chemical Society)**NFPA: National Fire Protection Association (USA)**HMIS: Hazardous Materials Identification System (USA)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2**Eye Irrit. 2B: Serious eye damage/eye irritations, Hazard Category 2B**Resp. Sens. 1: Sensitisation - Respirat., Hazard Category 1**Skin Sens. 1: Sensitisation - Skin, Hazard Category 1*

USA