SAFETY DATA SHEET
Devcon Tru-Bond PSA 2500

According to Regulation GB/T 16483-2008 and GB/T 17519-2013

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
Product name Devcon Tru-Bond PSA 2500
Product No. 18471 18475

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses Adhesive.
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet
Supplier ITW Performance Polymers (Wujiang) Co. Ltd.
No.4680 North Pangjin Road
Economic Development Zone
Wujiang, Jiangsu, China
Telephone: (+86) 512-63488388
Fax: (+86) 512-63091890
E-mail Address: info@itwpfchina.com
Contact Person ITW Performance Polymers (Wujiang) Co. Ltd.

1.4. Emergency telephone number
For emergencies in the US, call CHEMTREC: 800-424-9300
National Emergency Telephone Number
(+86) 532-83889090 (24H)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical and Chemical Hazards Not classified.
Human health Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; STOT SE 3 - H335
Environment Aquatic Chronic 2 - H411

Human health
Irritating. Allergic reactions are possible.

Environment
Contains a substance which causes risk of hazardous effects to the environment.

Physical and Chemical Hazards
Sealed containers at elevated temperatures may rupture explosively and spread fire due to polymerization.

2.2. Label elements
Label In Accordance With (EC) No. 1272/2008

Signal Word Warning
Hazard Statements
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H411 Toxic to aquatic life with long lasting effects.
Precautionary Statements

P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313 Get medical advice/attention.
P501 Dispose of contents/container to ...

Supplementary Precautionary Statements

P261 Avoid breathing vapour/spray.
P264 Wash contaminated skin thoroughly after handling.
P321 Specific treatment (see medical advice on this label).
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313 Get medical advice/attention.
P313 Get medical advice/attention.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P332+313 If skin irritation occurs: Get medical advice/attention.
P337 If eye irritation persists:
P362 Take off contaminated clothing and wash before reuse.
P391 Collect spillage.
P403+233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

<table>
<thead>
<tr>
<th>Urethane Acrylate Oligomer</th>
<th>30–60%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS-No.: Proprietary</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification (EC 1272/2008)</th>
<th>Classification (67/548/EEC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Irrit. 2 - H315</td>
<td>Xi;R36/37/38.</td>
</tr>
<tr>
<td>Eye Irrit. 2 - H319</td>
<td>N;R51/53.</td>
</tr>
<tr>
<td>STOT SE 3 - H335</td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 2 - H411</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Acrylate Monomer</th>
<th>30–60%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS-No.: 5888-33-5</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification (EC 1272/2008)</th>
<th>Classification (67/548/EEC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Irrit. 2 - H315</td>
<td>Xi;R36/37/38.</td>
</tr>
<tr>
<td>Eye Irrit. 2 - H319</td>
<td>N;R51/53.</td>
</tr>
<tr>
<td>STOT SE 3 - H335</td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 2 - H411</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Thickening Resins</th>
<th>10–30%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS-No.: Proprietary</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification (EC 1272/2008)</th>
<th>Classification (67/548/EEC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not classified.</td>
<td>Not classified.</td>
</tr>
</tbody>
</table>
Devcon Tru-Bond PSA 2500

Tackifying Resins 5-10%

CAS-No.: Proprietary

Classification (67/548/EEC) Not classified.

High Boiling (Meth)acrylate Monomers 5-10%

CAS-No.: Proprietary

Classification (EC 1272/2008) Acute Tox. 4 - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
Classification (67/548/EEC) Xn;R22. N;R50/53.

Photoinitiator System 1-5%

CAS-No.: 75980-60-8

Classification (EC 1272/2008) Repr. 2 - H361f Aquatic Chronic 3 - H412
Classification (67/548/EEC) Repr. Cat. 3; R62. R52/53.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information
Get medical attention if any discomfort continues.

Inhalation
IF INHALED: Remove person to fresh air and keep comfortable for breathing. If respiratory problems, artificial respiration/oxygen. Call a POISON CENTER or doctor.

Ingestion
IF SWALLOWED: DO NOT induce vomiting. Call a POISON CENTER or doctor. Never give anything by mouth to an unconscious person.

Skin contact
IF ON SKIN: Take off contaminated clothing. Wash with plenty of water several minutes. If skin irritation occurs: Get medical advice/attention.

Eye contact
IF IN EYES: Hold eyelids apart. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

General information
The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

Inhalation
May cause severe respiratory system irritation. High concentration may cause dizziness, headache, and anesthetic effects. May cause respiratory sensitization with asthma-like symptoms in susceptible individuals.

Ingestion
Cause irritation. A burning sensation of the mouth, throat and gastrointestinal tract. Abdominal pain.

Skin contact
Can cause skin irritation, itching, redness, rashes, hives, burning, and swelling. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this material.

Eye contact
Can cause moderate irritation, burning sensation, tearing, redness, and swelling. Overexposure may cause lacrimation, conjunctivitis, corneal damage and permanent injury.

4.3. Indication of any immediate medical attention and special treatment needed
Devcon Tru-Bond PSA 2500

Effects can be delayed 24 to 48 hours.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing media
Extinguish with carbon dioxide or dry powder.

Unsuitable extinguishing media
Avoid water in straight hose stream, which will scatter and spread fire.

#### 5.2. Special hazards arising from the substance or mixture

**Hazardous combustion products**
Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide, oxides of nitrogen and sulfur.

**Unusual Fire & Explosion Hazards**
Sealed containers at elevated temperatures may rupture explosively and spread fire due to polymerization.

#### 5.3. Advice for firefighters

**Special Fire Fighting Procedures**
Evacuate area of unprotected personnel. Fight advanced or massive fires from safe distance or protected location. Use water to keep fire exposed containers cool and disperse vapours. Keep run-off water out of sewers and water sources. Dike for water control.

**Protective equipment for fire-fighters**
Self contained breathing apparatus and full protective clothing must be worn in case of fire. Extinguish at a up wind place.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures
Avoid inhalation of vapours and aerosol spray. Avoid contact with skin and eyes. For personal protection, see section 8. Follow precautions for safe handling described in this safety data sheet.

#### 6.2. Environmental precautions
The product belongs to water pollutant. Do not discharge into drains, water courses or onto the ground.

#### 6.3. Methods and material for containment and cleaning up
Well ventilated and well protected.

1. **Small Spillages**: Collect the spillages into a closed container. Absorb with inert, damp, non-combustible material, then transit to a safety place.
2. **Large Spillages**: Stop the flow of material if this is without risk. Dike the spilled material. Cover with plastic sheet to prevent spreading. Pump or shovel to storage or salvage vessels. Prevent entry into waterways, sewer, basements or confined areas.
3. **Other Precautions**: Add inhibitor to prevent polymerization.

#### 6.4. Reference to other sections
For personal protection, see section 8. For waste disposal, see section 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1. Precautions for safe handling
Provide good ventilation. Avoid breathing vapor, aerosol or mist. Avoid contact with eyes and skin.

#### 7.2. Conditions for safe storage, including any incompatibilities
Store in a cool and well-ventilated place. Store in a dry place. Keep away from heat, sparks and open flame. Keep away from Incompatible materials. Keep container tightly sealed when not in use.

#### 7.3. Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters
8.2. Exposure controls

Protective equipment

Process conditions
Provide eyewash, quick drench.

Engineering measures
Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment
Wear respiratory protection with combination filter at high concentration. At emergency, respiratory protection with air supply must be use.

Hand protection
Impervious gloves (Neoprene, latex, polypropylene or chloroprene).

Eye protection
Wear tight-fitting goggles or face shield.

Other Protection
Provide eyewash, quick drench.

Hygiene measures
Wash thoroughly after handling. Form a good habit.

Personal protection
People unprotected as required are not allowed into the work area.

Skin protection
Wear apron or protective clothing in case of splashes.

Environmental Exposure Controls
Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Viscous liquid.

Colour: Colourless to pale yellow.

Odour: Distinctive.

Solubility: Partially Insoluble.

Initial boiling point and boiling range (°C)
Not determined.

Melting point (°C)
Not determined.

Relative density
1.0

Vapour density (air=1)
>1

Vapour pressure
0.01 mm Hg 20 °C

Evaporation rate
<1

pH-Value, Diluted Solution
Not determined.

Decomposition temperature (°C)
Not determined.

Flash point (°C)
>100 °C Sh CC (Setaflash closed cup).

Auto Ignition Temperature (°C)
Not determined.

Flammability Limit - Lower(%)
Not determined.

Flammability Limit - Upper(%)
Not determined.

Partition Coefficient (N-Octanol/Water)
Not determined.
**9.2. Other information**
No information required.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**
No data available.

**10.2. Chemical stability**
Stable under normal temperature and pressure conditions.

**10.3. Possibility of hazardous reactions**
Hazardous Polymerisation
Polymerization may occur under certain conditions.
Polymerisation Description
Polymerizes generating heat.

**10.4. Conditions to avoid**

**10.5. Incompatible materials**
Materials To Avoid

**10.6. Hazardous decomposition products**

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**
Health Warnings
Prolonged skin contact may lead to burning associated with severe redding, swelling, and possible tissue destruction.

Route of entry
Eyes. Skin. Inhalation. Ingestion.

Target Organs
Eyes Skin Respiratory system. Digestive system.

Medical Symptoms
Overexposure can cause headaches, dizziness, nausea, and vomiting.
Specific effects
Individuals with pre-existing skin disorders, asthma, or known sensitization may be more susceptible to the effects of this product.

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity**
There are no data on the ecotoxicity of this product.

**12.1. Toxicty**
No related data.

**12.2. Persistence and degradability**
No information.

**12.3. Bioaccumulative potential**
Bioaccumulative potential
No data available on bioaccumulation.
Partition coefficient
Not determined.

12.4. Mobility in soil
Mobility:
no reports available

12.5. Results of PBT and vPvB assessment
Not determined.

12.6. Other adverse effects
No information required.

SECTION 13: DISPOSAL CONSIDERATIONS

General information
Read the legal and other requirements before disposing of the waste.

13.1. Waste treatment methods

【1】Waste from residues or unused products:
Recycling as much as possible. If not be recycled, arrange disposal of residual chemicals and contaminated containers in accordance to the state and local regulations.
Do not employ the disposal method by discharging into the sewer.

【2】Contaminated Packaging:
Do not reuse containers without proper cleaning or reconditioning.
The container shall be returned to the manufacturer or disposed of in accordance with state and local guidelines.

【3】Precaution When Disposal:
Safety precautions of disposal, see section 8.
The product shall be treated as hazardous waste even if it is discarded on the condition not used or contaminated.

SECTION 14: TRANSPORT INFORMATION

General Read safety instructions, SDS and emergency procedures before handling.

14.1. UN number
3082

14.2. UN proper shipping name
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S

14.3. Transport hazard class(es)
9

Transport Labels

14.4. Packing group
III

14.5. Environmental hazards
Environmentally Hazardous Substance/Marine Pollutant
14.6 **Special precautions for user**

Read safety instructions, SDS and emergency procedures before handling.

14.7 **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No information required.

### SECTION 15: REGULATORY INFORMATION

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

**EU Legislation**
- [3] TOXIC SUBSTANCES CONTROL ACT

**Health and Environmental Listings**

15.2 **Chemical Safety Assessment**

A chemical safety assessment has been carried out.

### SECTION 16: OTHER INFORMATION

**Abbreviations and acronyms used in the safety data sheet**
- [6] ACGIH: American Conference of Governmental Industrial Hygienists.

**General information**

Only trained personnel should use this material.

**Information Sources**

1. **Source for PHYSICAL HAZARDS:**
   - International Chemical Safety Cards, ICSCs, http://www.ilo.org/dyn/icsc/showcard.home

2. **Source for HEALTH HAZARDS:**

3. **Source for ENVIRONMENTAL HAZARDS:**
   - OECD SIDS http://www.chem.unep.ch/irptc/sids/OECDSIDS/sidspub.html

**Revision Comments**

Section 2—HAZARDS IDENTIFICATION, add GHS classification and pictogram

Issued By
ITW Performance Polymers (Wujian) Co. Ltd.

Revision Date
11/12/2014
Devcon Tru-Bond PSA 2500

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company’s knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user’s responsibility to satisfy himself as to the suitability of such information for his own particular use.