

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 22 Jul 2019

Print date: 20 Apr 2020

Version: 1

Page 1/6

## TPU 4073

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name/designation:

TPU 4073

#### Additional information:

This safety data sheet is according to Regulation (EC) No. 1907/2006 (REACH) including amending Regulation (EC) No. 2015/830

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture:

Thermoplastic adhesive

#### 1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

SPSI Inc, 9825 85th Avenue,  
Maple Grove, MN 55369  
800-876-7774  
marketing@spsi.com

Chemical Emergency

#### 1.4. Emergency telephone number

Call infotrac 1-800-535-5053

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard components for labelling:

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Special rules for supplemental label elements for certain mixtures:

According to EC directives or the corresponding national regulations the product does not have to be labelled.

#### 2.3. Other hazards

Other adverse effects:

No risks worthy of mention.

### SECTION 3: Composition / information on ingredients

#### 3.1. Substances

Description:

Polyurethane

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Following inhalation:

In case of respiratory tract irritation, consult a physician.

In case of skin contact:

After contact with molten product, cool skin area rapidly with cold water.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

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Print date: 20 Apr 2020

Version: 1



Page 2/6

## TPU 4073

### After eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water.

### After ingestion:

Rinse mouth. Get medical advice/attention.

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

Refer to chapter 11.

### 4.3. Indication of any immediate medical attention and special treatment needed

-

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Extinguishing powder Water spray Carbon dioxide (CO<sub>2</sub>)

#### Unsuitable extinguishing media:

Full water jet

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

In case of fire may be liberated: Nitrogen oxides (NO<sub>x</sub>) Carbon dioxide (CO<sub>2</sub>) Carbon monoxide

### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

Avoid dust formation. Wear personal protection equipment.

#### 6.1.2. For emergency responders

No data available

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

### 6.3. Methods and material for containment and cleaning up

#### For cleaning up:

Take up dust-free and set down dust-free.

### 6.4. Reference to other sections

No data available

### 6.5. Additional information

See section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

##### Advices on safe handling:

If handled uncovered, arrangements with local exhaust ventilation should be used if possible. Avoid dust formation.

##### Fire prevent measures:

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Explosive dust-air mixtures may form.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels:

Store in a cool dry place. Keep away from heat.

# SAFETY DATA SHEET

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Revision date: 22 Jul 2019

Print date: 20 Apr 2020

Version: 1

Page 3/6

## TPU 4073

**Storage class:** 11 – Combustible solids that cannot be assigned to any of the above storage classes

### 7.3. Specific end use(s)

**Recommendation:**

refer to chapter 1.1.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No data available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No data available

#### 8.2.2. Personal protection equipment

**Eye/face protection:**

Tightly sealed safety glasses.

**Skin protection:**

Hand protection: Wear suitable gloves.

**Respiratory protection:**

dust formation Half-mask with filter according to EN 149.

**Other protection measures:**

Protective clothing: Wear antistatic work clothing.

#### 8.2.3. Environmental exposure controls

No data available

### 8.3. Additional information

A: respirable fraction, Limit value: 1.25 mg/m<sup>3</sup>

E: inhalable fraction, Limit value: 10 mg/m<sup>3</sup>

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Appearance**

**Physical state:** Powder

**Colour:** white

**Odour:** characteristic

**Safety relevant basis data**

parameter		at °C	Method	Remark
pH	<i>not determined</i>			
Melting point	110 - 120 °C		DSC	
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	<i>not determined</i>			
Decomposition temperature	<i>not determined</i>			
Flash point	<i>not determined</i>			
Evaporation rate	<i>not determined</i>			
Auto-ignition temperature	> 350 °C			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Density	> 1 g/cm <sup>3</sup>	20 °C		
Bulk density	<i>not determined</i>			
Water solubility	<i>not determined</i>			
Partition coefficient: n-octanol/ water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			

# SAFETY DATA SHEET

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Revision date: 22 Jul 2019

Print date: 20 Apr 2020

Version: 1

Page 4/6



## TPU 4073

parameter		at °C	Method	Remark
Kinematic viscosity	<i>not determined</i>			

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

The product is considered stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed.

### 10.4. Conditions to avoid

Only use the material in places where open light, fire and other flammable sources can be kept away.

### 10.5. Incompatible materials

Humidity

### 10.6. Hazardous decomposition products

No decomposition if handled as prescribed. Thermal decomposition can lead to the escape of irritating gases and vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute oral toxicity:

-

#### Acute dermal toxicity:

-

#### Acute inhalation toxicity:

-

#### Skin corrosion/irritation:

Inhalation of dust may cause irritation of the respiratory system.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Aquatic toxicity:

No data available

### 12.2. Persistence and degradability

#### Additional information:

Further ecological information: According to experiences this product is inert and not degradable.

### 12.3. Bioaccumulative potential

#### Accumulation / Evaluation:

No indication of bioaccumulation potential.

### 12.4. Mobility in soil

not applicable

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Other adverse effects

No data available

# SAFETY DATA SHEET

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Revision date: 22 Jul 2019

Print date: 20 Apr 2020

Version: 1

Page 5/6



## TPU 4073

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Can be incinerated together with household waste in compliance with applicable technical regulations following consultation with approved waste disposal management companies and authorities in charge.

### SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

#### 14.1. UN-No.

not relevant

#### 14.2. UN proper shipping name

not relevant

#### 14.3. Transport hazard class(es)

not relevant

#### 14.4. Packing group

not relevant

#### 14.5. Environmental hazards

not relevant

#### 14.6. Special precautions for user

not relevant

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not relevant

### SECTION 15: Regulatory information

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

##### Water hazard class (WGK)

##### Remark:

non-hazardous to water (nwg)

##### Other regulations, restrictions and prohibition regulations

USA: Substance/product listed in the following inventories: TSCA

#### 15.2. Chemical Safety Assessment

No data available

### SECTION 16: Other information

#### 16.1. Indication of changes

No data available

#### 16.2. Abbreviations and acronyms

No data available

# SAFETY DATA SHEET

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**Revision date:** 22 Jul 2019

**Print date:** 20 Apr 2020

**Version:** 1

Page 6/6

The logo for VELOX, featuring the word "VELOX" in a bold, black, sans-serif font. A yellow triangle is positioned to the right of the letter "X".

## TPU 4073

### 16.3. Key literature references and sources for data

No data available

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

#### Classification according to Regulation (EC) No 1272/2008 [CLP]:

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

No data available

### 16.6. Training advice

No data available

### 16.7. Additional information

No data available