SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: swift®tak 17003-9P
Product code: 100000000391

Manufacturer or supplier’s details
Company: H.B. Fuller Company
Address: 1200 Willow Lake Boulevard
          Vadnais Heights, MN 55110
Telephone: 1-888-423-8553

Medical Emergency Phone Number (24 Hours): 1-888-853-1758
Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

Recommended use of the chemical and restrictions on use
Recommended use: Water based adhesive
Restrictions on use: For industrial use only.

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

<table>
<thead>
<tr>
<th>Appearance</th>
<th>liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>white</td>
</tr>
<tr>
<td>Odor</td>
<td>characteristic</td>
</tr>
</tbody>
</table>

GHS Classification
Not a hazardous substance or mixture.

GHS Label element
Not a hazardous substance or mixture.

Potential Health Effects

Carcinogenicity:
IARC
No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA
No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP
No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
SAFETY DATA SHEET

swift®tak 17003-9P
Version 0.1 Revision Date 05/12/2015

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Concentration [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>methanol</td>
<td>67-56-1</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

SECTION 4. FIRST AID MEASURES

General advice : Show this material safety data sheet to the doctor in attendance.

If inhaled : Move to fresh air. If symptoms persist, call a physician.

In case of skin contact : Wash off with soap and water.

In case of eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

If swallowed : Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Not combustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : none

Specific hazards during fire fighting : Cool closed containers exposed to fire with water spray.

Specific extinguishing methods : 

Further information : This product is an aqueous mixture that will not burn. Dried product film will burn in a fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.

Environmental precautions : No special environmental precautions required.
Prevent product from entering drains.

Methods and materials for containment and cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

SECTION 7. HANDLING AND STORAGE

Advice on safe handling: No special precautions are needed in handling this material.

Conditions for safe storage: Keep container closed when not in use.
Keep in a dry, cool place.

Materials to avoid: Do not freeze.
No special restrictions on storage with other products.

Storage temperature: >= 40 °F

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>methanol</td>
<td>67-56-1</td>
<td>TWA</td>
<td>200 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>250 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>200 ppm 260 mg/m3</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>250 ppm 325 mg/m3</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>200 ppm 260 mg/m3</td>
<td>OSHA P0</td>
</tr>
</tbody>
</table>

Personal protective equipment

Respiratory protection: No personal respiratory protective equipment normally required.
In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection Material: Nitrile rubber
Remarks: For prolonged or repeated contact use protective gloves.

Eye protection: Safety glasses

Protective measures: No special protective equipment required.
**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**: liquid

**Color**: white

**Odor**: characteristic

**Odor Threshold**: No data available

**pH**: 4.0 - 6.0

**Melting point/freezing point**: 32 °F

**Boiling point/boiling range**: 212 °F

**Flash point**: Not applicable

**Evaporation rate**: not determined

**Flammability (solid, gas)**: Not classified as a flammability hazard

**Upper explosion limit**: upper flammability limit not determined

**Lower explosion limit**: lower flammability limit not determined

**Vapor pressure**: not determined

**Relative vapor density**: not determined

**Density**: 9.163 lb/gal

**Solubility(ies)**: dispersible

**Water solubility**: dispersible

**Partition coefficient: n-octanol/water**: No data available

**Autoignition temperature**: not determined

**Viscosity**

**Viscosity, dynamic**: 2,300 - 2,800 cP

**Solid Content, % by weight**: 31 - 37

**SECTION 10. STABILITY AND REACTIVITY**

**Chemical stability**: The product is chemically stable.

**Possibility of hazardous reactions**: Hazardous polymerization does not occur.

**Hazardous decomposition products**: Stable under normal conditions.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Acute toxicity**

**Product:**
Acute oral toxicity: Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Acute inhalation toxicity: Acute toxicity estimate: > 40 mg/l
Exposure time: 4 h
Test atmosphere: vapor
Method: Calculation method

Acute dermal toxicity: Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Ingredients:
- Methanol:
  Acute oral toxicity: LD50 Oral rat: 5,628 mg/kg
  Acute inhalation toxicity: LC50 rat: 83.2 mg/l
  Exposure time: 4 h

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitization
No data available

Germ cell mutagenicity
No data available

Carcinogenicity
No data available

Reproductive toxicity
No data available

STOT-single exposure
No data available

STOT-repeated exposure
No data available

Aspiration toxicity
No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity
**Ingredients:**

- **methanol**

**Toxicity to fish**

- LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l
- Exposure time: 96 h
- Test Method: static test

**Persistence and degradability**

- No data available

**Bioaccumulative potential**

- No data available

**Mobility in soil**

- No data available

**Other adverse effects**

- No data available

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**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

- **Waste from residues**
  
  To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements. The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

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**SECTION 14. TRANSPORT INFORMATION**

**Special precautions for user**

- **Remarks**
  
  Not dangerous goods

**Domestic regulation**

**International Regulation**

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

Not applicable for product as supplied.

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**SECTION 15. REGULATORY INFORMATION**

- **SARA 311/312 Hazards**
  
  No SARA Hazards
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) report.

Clean Air Act

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

methanol 67-56-1

US State Regulations

California Prop 65

WARNING: This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

methanol 67-56-1

The ingredients of this product are reported in the following inventories:

- **TSCA**: On TSCA Inventory
- **DSL**: All components of this product are on the Canadian DSL.
- **REACH**: Not in compliance with the inventory
- **AICS**: Not in compliance with the inventory
- **NZIoC**: Not in compliance with the inventory
- **ENCS**: Not in compliance with the inventory
- **KECI**: Not in compliance with the inventory
- **PICCS**: Not in compliance with the inventory
- **IECSC**: On the inventory, or in compliance with the inventory
- **TWINV**: Not in compliance with the inventory

**Inventories Legend**

- TSCA (USA)
- DSL (Canada)
- REACH (Europe)
- AICS (Australia)
- NZIoC (New Zealand)
- ENCS (Japan)
- KECI (Korea)
- PICCS (Philippines)
- IECSC (China)
- TWINV (Taiwan)

**SECTION 16. OTHER INFORMATION**

Prepared by: Global Regulatory Department - phone: 1-651-236-5842 - email: msds.request@hbfuller.com
Further information

NFPA:

Flammability

Health

Integrity

Special hazard.

HMIS III:

HEALTH

FLAMMABILITY

PHYSICAL HAZARD

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

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