

# DUOTACK® SPF Adhesive Part B

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 05/10/2017

Revision date: 05/10/2017

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : DUOTACK® SPF Adhesive Part B (System 20)

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

Use of the substance/mixture : Low pressure Polyurethane Foam Adhesive, Side B Component, for PROFESSIONAL USE ONLY

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

Manufacturer:  
SOPREMA INC.  
310 Quadral Dr.  
Wadsworth, OH 44281  
Tel: 1-800-356-3521

Distributors:  
SOPREMA Canada  
1675 Haggerty Street  
Drummondville (Quebec) J2C 5P7  
Tel: 1-819-478-8163

SOPREMA Canada  
44955 Yale Road West  
Chilliwack (BC) V2R 4H3  
CANADA  
Tel: 1-604-793-7100

SOPREMA USA  
12251 Seaway Road  
Gulfport (Mississippi) 39507  
UNITED STATES  
Tel: 1-228-701-1900

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC 1-800-434-9300 (Acct.# CCN20515). CANUTEC 1-613-996-6666

### SECTION 2: Hazards identification

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

##### Classification (GHS-US)

Skin Sens. 1 H317

Full text of H statements : see section 16

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) : Warning  
Hazard statements (GHS-US) : H317 - May cause an allergic skin reaction  
Precautionary statements (GHS-US) : P261 - Avoid breathing dust, fume, gas, mist, spray, vapors  
P272 - Contaminated work clothing must not be allowed out of the workplace  
P280 - Wear nitrile gloves  
P302+P352 - If on skin: Wash with plenty of water  
P321 - Specific treatment (see a doctor on this label)  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
P363 - Wash contaminated clothing before reuse  
P501 - Dispose of container in accordance with local, regional or national regulations

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### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

No data available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name                     | Product identifier | %         | Classification (GHS-US)  |
|--------------------------|--------------------|-----------|--|
| dibutyltin dilaurate     | (CAS No) 77-58-7   | < 0.24    | Skin Corr. 1C, H314<br>Skin Sens. 1, H317<br>Muta. 2, H341<br>STOT SE 1, H370<br>STOT RE 1, H372<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |
| Non-hazardous components | n/a                | 99.76-100 | n/a  |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  |
| First-aid measures after inhalation   | : Assure fresh air breathing. Allow the victim to rest.  |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Wash immediately with lots of water, Remove clothing while washing. Get medical advice/attention. Specific treatment (see Wash skin with plenty of water on this label). Wash contaminated clothing before reuse. |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.   |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.   |

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

|   |  |
|---|--|
| Symptoms/injuries after inhalation                | : May cause an allergic skin reaction. |
| Symptoms/injuries after skin contact              | : May cause an allergic skin reaction. |
| Symptoms/injuries after eye contact               | : No data available.                   |
| Symptoms/injuries after ingestion                 | : Harmful if swallowed.                |
| Symptoms/injuries upon intravenous administration | : No effects known.                    |
| Chronic symptoms                                  | : No effects known.                    |

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Foam. Dry powder. Carbon dioxide. Water spray. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

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

|                  |   |
|------------------|---|
| Explosion hazard | : Contains gas under pressure; may explode if heated.                               |
| Reactivity       | : On burning: release of irritant gases/vapours (carbon monoxide - carbon dioxide). |

### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection.   |

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### SECTION 6: Accidental release measures

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

General measures : Evacuate area.

##### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Prevent soil and water pollution.

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing dust, fume, gas, mist, spray, vapors.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

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

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Do not expose to temperatures exceeding 50 °C/ 122 °F, Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Storage temperature : <= 35 °C

Heat-ignition : KEEP SUBSTANCE AWAY FROM:

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| dibutyltin dilaurate (77-58-7) |                                 |  |
|--------------------------------|---------------------------------|--|
| USA ACGIH                      | ACGIH TWA (mg/m <sup>3</sup> )  | 0.1 mg/m <sup>3</sup> (Tin organic compounds, as Sn; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value) |
| USA ACGIH                      | ACGIH STEL (mg/m <sup>3</sup> ) | 0.2 mg/m <sup>3</sup> (Tin organic compounds, as Sn; USA; Short time value; TLV - Adopted Value)                         |

#### 8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear nitrile gloves protective gloves.

Eye protection : Chemical goggles or safety glasses.

Skin and body protection : Protective clothing.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Other information : Do not eat, drink or smoke during use.

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### SECTION 9: Physical and chemical properties

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

|   |                                |
|---|--------------------------------|
| Physical state                              | : Liquid                       |
| Appearance                                  | : Liquid.                      |
| Color                                       | : Off-white                    |
| Odor  | : slight                       |
| Odor threshold                              | : No data available            |
| pH  | : No data available            |
| Relative evaporation rate (butyl acetate=1) | : No data available            |
| Melting point                               | : No data available            |
| Freezing point                              | : No data available            |
| Boiling point                               | : No data available            |
| Flash point                                 | : $\geq 93.3$ °C               |
| Auto-ignition temperature                   | : No data available            |
| Decomposition temperature                   | : No data available            |
| Flammability (solid, gas)                   | : No data available            |
| Vapor pressure                              | : $\approx 0.59$ mPa           |
| Relative vapor density at 20 °C             | : No data available            |
| Specific Gravity                            | : $\approx 1.1$                |
| Solubility                                  | : Moderately soluble in water. |
| Log Pow                                     | : No data available            |
| Log Kow                                     | : No data available            |
| Viscosity, kinematic                        | : No data available            |
| Viscosity, dynamic                          | : No data available            |
| Explosive properties                        | : No data available            |
| Oxidizing properties                        | : No data available            |
| Explosion limits                            | : No data available            |

#### 9.2. Other information

VOC content :  $< 5$  g/l calculated per SCAQMD rule 443.1 when mixed with Part A

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

On burning: release of irritant gases/vapours (carbon monoxide - carbon dioxide).

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### dibutyltin dilaurate (77-58-7)

|                 |   |
|-----------------|---|
| LD50 oral rat   | 2071 mg/kg body weight (Rat; Equivalent or similar to OECD 401; Experimental value)   |
| LD50 dermal rat | $> 2000$ mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity) |

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| <b>dibutyltin dilaurate (77-58-7)</b>               |   |
|---|---|
| ATE US (oral)                                       | 2071.000 mg/kg body weight  |
| Skin corrosion/irritation                           | : Not classified  |
| Serious eye damage/irritation                       | : Not classified  |
| Respiratory or skin sensitization                   | : May cause an allergic skin reaction.                              |
| Germ cell mutagenicity                              | : Not classified  |
| Carcinogenicity                                     | : Not classified  |
| Reproductive toxicity                               | : Not classified  |
| Specific target organ toxicity (single exposure)    | : Not classified  |
| Specific target organ toxicity (repeated exposure)  | : Not classified  |
| Aspiration hazard                                   | : Not classified  |
| Potential Adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |
| Symptoms/injuries after inhalation                  | : May cause an allergic skin reaction.                              |
| Symptoms/injuries after skin contact                | : May cause an allergic skin reaction.                              |
| Symptoms/injuries after eye contact                 | : No data available.  |
| Symptoms/injuries after ingestion                   | : Harmful if swallowed.   |
| Symptoms/injuries upon intravenous administration   | : No effects known.   |
| Chronic symptoms                                    | : No effects known.   |
| Other information                                   | : Likely routes of exposure: inhalation.                            |

## SECTION 12: Ecological information

### 12.1. Toxicity

| <b>dibutyltin dilaurate (77-58-7)</b> |  |
|---------------------------------------|--|
| Threshold limit algae 1               | > 1 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Scenedesmus subspicatus; Static system; Fresh water; Experimental value) |

### 12.2. Persistence and degradability

| <b>DUOTACK® SPF Adhesive Part B</b> |                  |
|-------------------------------------|------------------|
| Persistence and degradability       | Not established. |

| <b>dibutyltin dilaurate (77-58-7)</b> |  |
|---------------------------------------|--|
| Persistence and degradability         | Not readily biodegradable in water. No (test)data on mobility of the substance available. Not established. |

### 12.3. Bioaccumulative potential

| <b>DUOTACK® SPF Adhesive Part B</b> |                  |
|-------------------------------------|------------------|
| Bioaccumulative potential           | Not established. |

| <b>dibutyltin dilaurate (77-58-7)</b> |   |
|---------------------------------------|---|
| BCF fish 1                            | 31 - 813 (BCF; OECD 305: Bioconcentration: Flow-Through Fish Test; 7 days; Carassius carassius; Flow-through system; Fresh water; Experimental value) |
| Bioaccumulative potential             | Potential for bioaccumulation ( $500 \leq \text{BCF} \leq 5000$ ). Not established.   |

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

|                              |  |
|------------------------------|--|
| Effect on ozone layer        | :  |
| Effect on the global warming | : No known ecological damage caused by this product. |
| Other information            | : Avoid release to the environment.                  |

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                |  |
|--------------------------------|--|
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Dispose of container in accordance with local, regional or national regulations. |
|--------------------------------|--|

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Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

In accordance with DOT

Transport document description : UN3500 Chemical under pressure, n.o.s., 2.2  
UN-No.(DOT) : 3500  
DOT NA no. : UN3500  
DOT Proper Shipping Name : Chemical under pressure, n.o.s.  
Technical name : (1,1,1,2 Tetrafluoroethane, Nitrogen)  
Class (DOT) : 2.2 - Class 2.2 - Non-flammable compressed gas 49 CFR 173.115  
Hazard labels (DOT) : 2.2 - Non-flammable gas



DOT Symbols : G - Identifies PSN requiring a technical name  
DOT Special Provisions (49 CFR 172.102) : T50 - When portable tank instruction T50 is referenced in Column (7) of the 172.101 Table, the applicable liquefied compressed gases are authorized to be transported in portable tanks in accordance with the requirements of 173.313 of this subchapter  
DOT Packaging Exceptions (49 CFR 173.xxx) : None  
DOT Packaging Non Bulk (49 CFR 173.xxx) : 335  
DOT Packaging Bulk (49 CFR 173.xxx) : 313;315  
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg  
DOT Vessel Stowage Location : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded

### Additional information

Emergency Response Guide (ERG) Number : 126  
Other information : No supplementary information available.

### ADR

Transport document description :

### Transport by sea

UN-No. (IMDG) : 3500  
Proper Shipping Name (IMDG) : CHEMICAL UNDER PRESSURE, N.O.S.  
Class (IMDG) : 2 - Gases

### Air transport

UN-No.(IATA) : 3500  
Proper Shipping Name (IATA) : Chemical under pressure, n.o.s.  
Class (IATA) : 2

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

##### DUOTACK® SPF Adhesive Part B

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 15.2. International regulations

##### CANADA

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### EU-Regulations

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

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

#### 15.2.2. National regulations

No additional information available

#### 15.3. US State regulations

| DUOTACK® SPF Adhesive Part B  |    |
|---|----|
| U.S. - California - Proposition 65 - Carcinogens List               | No |
| U.S. - California - Proposition 65 - Developmental Toxicity         | No |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Female | No |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Male   | No |

#### dibutyltin dilaurate (77-58-7)

| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significance risk level (NSRL) |
|---|---|---|---|-----------------------------------|
| No  | No  | No  | No  |                                   |

### SECTION 16: Other information

Revision date : 05/10/2017

Other information : None.

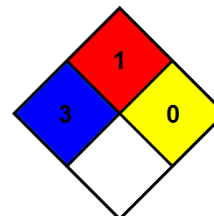
Full text of H-phrases::

|      |  |
|------|--|
| H314 | Causes severe skin burns and eye damage                        |
| H317 | May cause an allergic skin reaction                            |
| H341 | Suspected of causing genetic defects                           |
| H370 | Causes damage to organs  |
| H372 | Causes damage to organs through prolonged or repeated exposure |
| H400 | Very toxic to aquatic life                                     |
| H410 | Very toxic to aquatic life with long lasting effects           |

NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.

NFPA fire hazard : 1 - Must be preheated before ignition can occur.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



### HMIS III Rating

SDS US (GHS HazCom 2012) - Custom

This SDS contains all the information required by ANSI Z400.1 standard (United States), by regulation 29 CFR Part 1910-1200 of the Hazard Communication Standard of OSHA and is in accordance with DORS/88-66 of WHMIS (Canada).

The best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.