

## Safety Data Sheet – Biform SPC Rigid Flooring

### 1. Identification

**Product Name:** Biform SPC Rigid Flooring

**Proper Shipping Name:** Not applicable.

**Recommended Use:** Flooring applications

Supplier:

**Name:** Biform Ltd.

**Address:** 2/116a Harris Road  
East Tamaki  
Auckland, 2013

PO Box 13842  
Onehunga  
Auckland 1643

**Phone:** 0880 449 274

**Email:** info@biform.co.nz

**Website:** www.biform.co.nz

**Emergency Contacts:**

In New Zealand: Emergency Services (Fire, Ambulance, Police) – Dial 111  
National Poisons Information Centre – 0800 764 766 (0800 POISON)  
Company Contact – 0800 764 766

In Australia: Emergency Services Fire, Ambulance, Police – Dial 000  
Poisons Centre: 131 126

### 2. Hazard Identification

**Statement of Hazardous Nature:**

New Zealand:

This preparation is not classified as a health or environmental hazard according to the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017.

Not classified as a Dangerous Good according to NZS 5433.

Australia:

Non-hazardous substance. Non-Dangerous Goods.

Poisons Schedule: Not applicable.

**Hazard Statements:**

Prolonged exposure to dust may cause an allergic skin reaction.

Dust will cause eye irritation.

**Prevention Statements:**

Read label and safety data sheet before use.

Do not breathe dust of fume.

Wash hands thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace.

Avoid release of dust/debris to the environment.

Wear protective gloves and eye/face protection.

### 3. Composition & Information on Ingredients

BIFORM SPC Rigid Flooring is a multi-layered product, including a SPC core. The composition below relates to the SPC core only.

Ingredient	CAS Number	Concentration (%)
Calcium carbonate	471-34-1	65
PVC	9002-86-2	30
Chlorinated polyethylene (CPE)	64754-90-1	1
Methyl methacrylate	80-62-6	1
Zinc stearate	557-05-1	<1
Calcium stearate	1592-23-0	<1
Other additives	-	to 100

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## 4. First Aid Measures

New Zealand Poisons & Hazardous Chemicals National Information Centre phone 0800 POISON – 0800 764 766  Australia Poisons Information Centre phone 131 126
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For exposure to dust resulting from cutting the flooring:

**If exposed or if you feel unwell, call a POISON CENTRE or doctor.**

**Skin:** IF ON SKIN, wash with plenty of soap and water. If skin irritation or rash occurs, seek medical advice. Wash contaminated clothing before re-use.

**Eyes:** IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, seek medical attention.

**Inhalation:** IF INHALED, remove to fresh air and keep at rest in a position comfortable for breathing. If breathing difficulties or irritation persists, seek medical attention.

**Ingestion:** Not an expected route of exposure. Call a POISON CENTRE or doctor/physician for advice.

**Advice to Doctor:** Treat symptomatically.

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## 5. Fire Fighting Measures

**Flammability:** This decking product is combustible. Dry dusts suspended in high concentrations can be explosive.

**Extinguishing media:** Use water fog (or fine water spray), foam, carbon dioxide or dry chemical powder. Prevent contamination of drains or water ways.

**Hazardous Combustion products:** Carbon and nitrogen oxides may be formed.

**Fire-fighting instructions:** During a fire, toxic fumes may be emitted. Wear self-contained breathing apparatus. Contain runoff.

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## 6. Accidental Release Measures

**Spills:** Collect dust by wet sweeping or vacuuming to ensure minimal dust generation. Wear protective clothing including eye/face protection (see section 8). Avoid inhaling dust. Collect and place in sealable containers for disposal. Prevent spill from entering storm water and sewer drains and watercourses.

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## 7. Handling & Storage

### Safe Handling

Before use carefully read the product label and safety data sheet.

Avoid sources of radiant heat and flame and avoid sparks and sources of ignition in all electrical equipment, including dust extraction equipment.

All work with this product should be carried out in such a way as to minimise the generation of dust.

Use of safe work practices are recommended to avoid eye or skin contact.

Wear protective gloves and eye/face protection during use. Wash hands thoroughly after working with flooring. Prohibit eating, drinking and smoking in work areas.

### Storage

Store flat, off the ground, in a cool dry location out of direct sunlight.

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## 8. Exposure Controls & Personal Protection

### Exposure Standards

#### **Workplace Exposure Standards (WES):**

Ingredient	CAS Number	TWA
Particulates not otherwise classified	-	10 mg/m <sup>3</sup> 3 mg/m <sup>3</sup> (respirable dust)

*\*Workplace Exposure Standards and Biological Exposure Indices (2018).*

**Biological Exposure Monitoring:** No exposure limits set for the formed product.

### Engineering Controls

**Ventilation:** Under factory conditions cutting, drilling etc. should be done with equipment fitted with exhaust devices capable of removing dust at source. Hand power tools should only be used in well-ventilated areas so as to avoid the spread of dust.

### Personal Protection (PPE)

**Eyes/Face:** Splash resistant Safety Glasses with side shields or safety goggles (AS/NZS 1337) should be worn when cutting etc.

**Skin:** Long sleeve shirts and trousers are recommended if skin irritation occurs. Comfortable work gloves should be worn (AS/NZS 2161).

**Respiratory:** If risk of inhalation exists (i.e. dust generation), a class P1 or P2 filter or disposable face piece respirator should be worn. Respirators should comply with AS/NZS 1716 and be selected, used and maintained in accordance with AS/NZS 1715.

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## 9. Physical & Chemical Properties

**Appearance:** Flooring boards in a variety of colours.

**Odour:** Not applicable.

**pH:** Not applicable.

**Boiling point:** Not applicable.

**Melting point:** No data available.

**Specific gravity:** No data available.

**Solubility (water):** Not water soluble.

**Flash point:** Not applicable.

**Evaporation rate:** Not applicable.

**Vapour pressure:** Not applicable.

**Viscosity (dynamic):** Not applicable.

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## 10. Stability & Reactivity

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat and ignition sources.

**Incompatible materials:** No data available.

**Hazardous decomposition products:** Smouldering decking or dust can generate carbon monoxide, carbon dioxide and other pyrolysis products typical of burning organic material.

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## 11. Toxicological Information

### Health Effects / Symptoms of Exposure

**Skin:** Product contains methyl methacrylate which may be present in dust generated. Skin irritation may occur on prolonged contact with dust.

**Eyes:** Dust will be mechanically irritating to eyes.

**Inhalation:** Dust may irritate the nose, throat and lungs.

**Ingestion:** Not an expected route of exposure. Swallowing the dust would result in abdominal discomfort.

**Chronic :** No information available.

### Toxicological Data

No toxicological data available for formed product.

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## 12. Ecological Information

No known ecological effects. Product contains zinc stearate which may be present in dust generated. Zinc stearate is ecotoxic in the aquatic environment. Avoid contaminating waterways with dust.

**Persistence in environment:** Not available.

**Mobility:** Not available.

**Biodegradability:** Not available.

### Ecotoxicological Data

No ecotoxicological data available for formed product.

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## 13. Disposal Considerations

Product is non-hazardous. Off-cuts and general waste material should be placed in containers and disposed of at an approved landfill site, or burnt in an approved furnace or incinerator, in accordance with local authority guidelines.

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## 14. Transport Information

Not classified as a Dangerous Good according to NZS 5433:2007.

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail - 2017.

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## 15. Regulatory Information

### HSNO Approval

This preparation is not classified as a health or environmental hazard according to the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017.

Poisons Schedule (Australia): Not applicable.

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## 16. Other Information

### Abbreviations / Terminology:

AS/NZS 1337	Personal eye-protection
AS/NZS 1715	Selection, use and maintenance of respiratory protective equipment
AS/NZS 1716	Respiratory protective devices
AS/NZS 2161	Occupational protective gloves
AS/NZS	Joint Australian New Zealand Standard
CAS#	Chemical Abstract Service number (a unique identifier for chemicals)
HSNO	(New Zealand) Hazardous Substances and New Organisms Act
NZS 5433	Transport of Dangerous Goods on Land
TWA	Time Weighted Average
WES	Workplace Exposure Standard

Prepared with reference to: *Hazardous Substances (Safety Data Sheets) Notice 2017*.

**Current Version:** 17 July 2019

### Revision Information:

SDS may be revised from time to time, please ensure you have a current copy.

This revision: Preparation of SDS for new product.

### Disclaimer:

This safety data sheet attempts to describe as accurately as possible the potential exposures associated with normal use of the product described herein. Health and safety precautions in the data sheet may not be adequate for all individuals and/or situations. Users have the responsibility to evaluate and use this product safely and to comply with all applicable laws and regulations.

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--END OF SDS