

# Material Safety Data Sheet

---

## 1. Product and Company Identification

---

**Product Name:** SV100 Diluent  
**Trade Name:** SV100 Diluent  
**Recommended Use:** Diluent for SV100  
**Revision Date:** 18/10/10  
**Company Name:** On-Crete Australia Pty Ltd  
**Address:** Unit 4/489 Scottsdale Drive,  
Varsity Lakes  
QLD 4227  
Australia  
Ph: (07) 5593 6884 Fax: (07) 5593 6885

**In the event of emergency human exposure:** Poisons Information Centre  
Ph: 131136

Hazardous according to the criteria of NOHSC

---

## 2. Composition/Information on Ingredients

---

Ingredients considered hazardous according to the criteria of NOHSC:

Chemical Name	CAS #	Proportion
Benzyl Alcohol	[100-51-6]	100%

---

## 3. Hazards Identification

---

R20/22 Harmful by Inhalation and if Swallowed

S ½ Keep locked up and out of reach of children  
S23 Do not breathe vapour/mist  
S24/25 Avoid contact with eyes and skin  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

---

## 4. First Aid Measures

---

### Eyes:

Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention as soon as possible.

### Ingestion:

DO NOT induce vomiting. If vomiting occurs spontaneously, keep airway clear. Seek medical attention IMMEDIATELY. NEVER induce vomiting or give anything by mouth to an unconscious patient.

**Inhalation:**

Remove victim to fresh air. Persons administering first aid to overexposure victims should carefully wash off any visible product from the victims face. Do not give anything by mouth to an unconscious person. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult administer oxygen. Seek medical attention if ill effects persist.

**Skin:**

Wash with plenty of soap and water. Remove contaminated clothing and footwear. Wash clothing and contaminated footwear before reuse. Seek medical attention if irritation persists.

**Note to doctor:**

Treat symptomatically.

---

**5. Fire-Fighting Measures**

---

<b>Flash Point:</b>	98.9 degrees Celsius Closed Cup
<b>Extinguisher Media:</b>	On large fires use dry chemical, foam or CO2. DO NOT USE WATER IN JET
<b>Special Protective Equipment:</b>	Self contained breathing apparatus and protective clothing should be worn.
<b>Unusual Fire and Explosion Hazards:</b>	Product is a combustible liquid.
<b>Combustion Products:</b>	Toxic fumes of CO2, and other pyrolysis products typical of burning organic material may be evolved on burning or exposure to heat.

---

**6. Accidental Release Measures**

---

**Steps to be taken if material is released or spilled:**

Wear appropriate protective clothing. Keep unnecessary people away and isolate hazard area. Stay upwind if possible. Restrict access to contaminated area. Shutoff all ignition sources, and make sure there are no flares, no smoking or flames in the hazard area. Take precautionary measures against static electricity. Ensure electrical continuity by earthing all equipment. Stop spill at source if you can do so without risk. Keep out of low areas. Water spray may reduce vapour but may not prevent ignition in enclosed spaces. Dike to prevent spreading. Collect free liquid into a recovery vessel. Cleanup material using non sparking tools. Absorb remainder with sand or clay and place in a properly labelled waste receptacle. Follow all government and local body regulations for disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Prohibit contamination of streams, lakes and other bodies of water.

**Container Disposal:**

DO NOT reuse container. Dispose of safely.

---

**7. Handling and Storage**

---

**Handling:**

Avoid contact with skin, eyes and all other personal contact. Handle in accordance with good industrial hygiene and safety practises. Wash hands thoroughly after contact. Wear protective clothing when risk of exposure occurs. Avoid inhalation of vapour or mist. Only use in a well ventilated area. Do not smoke. Extinguish any flames. Avoid sparks. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment. Containers, even those that have been emptied can contain explosive vapours. Do not cut, weld, grind or perform similar operations on or near containers.

**Storage:**

Product is a C1 Combustible Liquid. Store at ambient temperature. Keep containers tightly closed when not using product. Store in an area that is cool and dry and away from sources of heat, sparks, sources of ignition or combustibles. Store away from oxidising materials, peroxides, aerosols, silica gel, flammables, corrosives, amines, strong acids and all other flammable products.

**Containers:**

Partially filled drums should be blanketed with nitrogen to avoid product being slowly oxidized to benzaldehyde

---

## 8. Exposure Controls/Personal Protection

---

**Exposure Controls:** Not available

**Biological Limit:** No biological limit allocated

**Respiratory Protection:**

Avoid breathing vapours. An approved mist respirator with organic vapour filters must be used. Reference should be made to AS/NZS 1715 and AS/NZS 1716 Use and Maintenance of Respiratory Protective Devices for individual circumstances.

**Eye Protection:**

Eye contact must be avoided. Safety goggles with side shield or a face visor must be worn to AS/NZS 1336/1337.

**Skin Protection:**

Skin contact must be avoided and good personal hygiene practises observed. Protective clothing including impervious chemical nitrile gloves must be worn (AS/NZS 2161). Care must be taken while removing gloves and other skin protective equipment (AS/NZS 3765/2210) to avoid ALL skin contact.

---

## 9. Physical and Chemical Properties

---

<b>Appearance:</b>	Clear liquid
<b>Specific Gravity:</b>	1.045 @ 20 degrees Celsius
<b>Solubility in Water:</b>	4-5g/100g
<b>Vapour Density:</b>	3.7
<b>Vapour Pressure:</b>	<0.1 mmHg @ 20 degrees Celsius
<b>Odour:</b>	Aromatic Odour
<b>Flash Point:</b>	98.9 degrees Celsius Closed Cup
<b>Boiling Point :</b>	205 degrees C

---

## 10. Stability and Reactivity

---

**Stability:** Products of this type are stable and unlikely to react in a hazardous manner under normal conditions.

<b>Incompatibility:</b>	Oxidising Agents, Strong Acids, Peroxides, Amines, Halogens, isocyanates, acetaldehyde, lithium aluminium hydride, aluminium alkyl compounds.
<b>Combustion Products:</b>	Toxic fumes of CO <sub>2</sub> , and other pyrolysis products typical of burning organic material may be evolved on burning or exposure to heat.
<b>Conditions To Avoid:</b>	Heat, flames, ignition source, extremes of temperature, direct sunlight, and incompatibles.

---

## 11. Toxicological Data

---

Oral LD50 Rat: 1230mg/Kg CARCINOGEN ( IARC / NTP / 29CFR ): No

### **Eyes:**

Can cause severe irritation, redness, tearing, and blurred vision. Can cause irreversible damage on prolonged contact.

### **Ingestion:**

Harmful if swallowed. Over-exposure may cause central nervous system depression.

### **Inhalation:**

Breathing in vapours and mists may cause irritation to the respiratory system. Breathing in vapours may result in headaches, dizziness, drowsiness and possible nausea. Breathing in high concentrations of vapours may cause loss of coordination, impaired judgement and if exposure is prolonged, unconsciousness.

### **Skin:**

Prolonged or repeated contact may result in itching, defatting, dermatitis or more serious irreversible skin disorders.

---

## 12. Ecological Information

---

**Mobility:** Avoid contaminating waterways

**Persistence/degradability:** No information available

---

## 13. Disposal Considerations

---

Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.

Dispose of product and container responsibly and carefully.

Do not dispose of near waterways, down drains or into soil.

---

## 14. Transport Information

---

Not Classified as hazardous for transport (ADG, UN, IATA/ICAO)

C1 Combustible Liquid

UN Number: NA

Description of goods: BENZYL ALCOHOL

---

## 15. Regulatory Information

---

**Australian Classifications:**

UN Number: NA  
HAZCHEM Code: NA  
Proper shipping name: BENZYL ALCOHOL

**EC Labelling:****Risk phrases:**

R20/22 Harmful by Inhalation and if Swallowed

**Safety phrases:**

S ½ Keep locked up and out of reach of children  
S23 Do not breathe vapour/mist  
S24/25 Avoid contact with eyes and skin  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

---

## 16. Other Information

---

This data sheet and the health, safety and environmental information it contains is considered to be accurate as of the date specified. However no warranty or representation, expressed or implied is made as to the accuracy or completeness of the data and the information in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the users obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. On-Crete shall not be responsible for any damage of injury resulting from abnormal use of this material, from any failure to adhere to recommendations or from any hazards inherent in the nature of the material.