

## SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIERS NAME - New Zealand Decorative Concrete Ltd T/A Permacolour  
Street Address - 42A Egmont Road, New Plymouth  
Telephone number - 0508 444 555  
Chemical name - n/a  
Trade name - Surface Retarder, SR20

## SECTION 2: HAZARD IDENTIFICATION

### GHS Classification

Not a hazardous substance or mixture

### GHS Label elements

Not a hazardous substance or mixture

### Other hazards which do not result in classification

None known

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Hazardous Components

No hazardous ingredient

## SECTION 4: FIRST AID MEASURES

General advice : No hazards which require special first aid measures  
if inhaled : Move to fresh air  
In case of skin contact : Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water  
In case of eye contact : Flush eyes with water as a precaution. Remove contact lenses. Keep eye wide open while rinsing  
If swallowed : Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person  
Most important symptoms and effects, both acute and delayed : No Known significant effects or hazards. See section 11 for more detailed information on health effects and symptoms.  
Notes to physician : Treat symptomatically

## SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Hazardous combustion products : No hazardous combustion products are known  
Specific extinguishing methods : Standard procedure for chemical fires  
Special protective equipment for fire fighters : In the event of fire, wear self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Environmental precautions : No special environmental precautions required  
Methods and materials for containment and cleaning up : Wipe up with absorbent material (eg cloth, fleece). Keep in suitable, closed containers for disposal

## SECTION 7: HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : For personal protection see section 8.  
No special handling advice required.  
Follow standard hygiene measures when handling chemical products
- Hygiene measures : When using do not eat or drink.  
When using do not smoke.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Store in accordance with local regulations.
- Materials to avoid : No special restrictions on storage with other product

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### Personal protective equipment

- Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.  
  
The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.
- Hand Protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.
- Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Liquid
- Colour : Blue
- Odour : Pleasant
- Odour threshold : No data available
- pH : No data available
- Melting point/range/Freezing point : No data available
- Boiling point/boiling range : No data available
- Flash Point : No data available
- Evaporation rate : No data available
- Flammability : No data available

Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: 23hPa (17 mmHg)
Relative vapour density	: No data available
Density	: 1.06 g/cm <sup>3</sup> (20°C (68 °F))
Solubility (ies) Water solubility	: Soluble
Partition coefficient: noctanol/ water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, viscosity dynamic	: No data available
Viscosity kinematic	: > 7 mm <sup>2</sup> /s (40°C)
Explosive properties	: No data available
Molecular weight	: No data available

## SECTION 10: STABILITY AND REACTIVITY

Reactivity	: No dangerous reactions known under conditions of normal use
Chemical stability	: The product is chemically stable
Possibility of hazardous reactions	: No hazards to be specially mentioned
Conditions to avoid	: No data available
Incompatible materials	No data available
No decomposition if stored and applied as directed	

## SECTION 11: TOXICOLOGICAL INFORMATION

### Acute toxicity

No data available

### Skin corrosion/irritation

Not classified based on available information.

### Serious eye damage/eye irritation

Not classified based on available information.

### Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

### Chronic toxicity

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

#### Reproductive toxicity

Not classified based on available information.

#### STOT - single exposure

Not classified based on available information.

#### STOT - repeated exposure

Not classified based on available information.

#### Aspiration toxicity

Not classified based on available information.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

No data available

### Persistence and degradability =

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Other adverse effects

### Product:

Additional ecological information : There is no data available for this product.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Disposal methods

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal

## SECTION 14: TRANSPORT INFORMATION

### International Regulations

#### IATA-DGR

Not dangerous goods

#### IMDG-Code

Not dangerous goods

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

Not applicable for product as supplied.

### National Regulations

#### NZS 5433

Not dangerous goods

## SECTION 15: REGULATORY INFORMATION

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

International Chemical Weapons Convention (CWC) : Not applicable  
Schedules of Toxic Chemicals and Precursors

### HSNO Approval Number

Not applicable

### HSNO Controls

Certified handler certificate not required. HSNO tracking not required. Refer to EPA user guide to the HSNO control regulations for further information.

### The components of this product are reported in the following inventories:

NZIoC : On the inventory, or in compliance with the inventory

## **SECTION 16: OTHER INFORMATION**

New Zealand Decorative Concrete Ltd has compiled the information and recommendations contained in this Safety Data Sheet from sources believed to be reliable and to represent the most reasonable current opinion on the subject at the date quoted in section sixteen of the Safety Data Sheet. No warranty, guarantee or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine the environmental regulatory compliance obligations under any applicable New Zealand laws. In providing this disclaimer New Zealand Decorative Concrete Ltd removes itself from any responsibility/liability of damages/harm caused by the information or lack thereof in this Safety Data Sheet document.