

# SAFETY DATA SHEET



SDS NO: 8005

## 1. IDENTIFICATION OF THE PRODUCT AND COMPANY

### Product Details:

**Product Name** Water Stop  
**Other Names(s)** N/A  
**Recommended Use** Water Proofing Agent  
**Product Code** 8504

### Supplier Details:

**Company** APCO COATINGS (NZ) LIMITED  
**Address** 14 Ron Driver Place, East Tamaki, Auckland 2163, New Zealand  
**Telephone** 09 273 3041  
**Fax** 09 273 3045  
**E Mail** [contact@apconz.co.nz](mailto:contact@apconz.co.nz)  
**Web** [www.apcocoatings.co.nz](http://www.apcocoatings.co.nz)

### Emergency Telephone Numbers:

**NZ POISON** 0800 POISON (0800 764 766)  
**CHEMWATCH** 0800 CHEMCALL (0800 243 622)

## 2. HAZARD IDENTIFICATION

### Hazard Classification of the mixture:

|   |  |
|---|--|
| <b>Hazchem Category:</b>  | 3.1C, 3.1D, 6.1E, 6.1B, 6.3B, 6.4A, 6.5B, 6.7B, 6.8B, 6.9B, 8.1A, 8.2C, 8.3A, 9.1A, 9.1B, 9.1D.  |
| <b>GHS Classification &amp; Legend</b>                                  | Information extracted from the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and the HSNO Act equivalent |
| <b>Determined By Chemwatch us-Inf:</b>                                  | No Information at Hand   |
| <b>GHS/HSNO Criteria:</b>   |  |
| HSNO-Physical 3.1C<br>Substance is harmful through combustion:          | <b>GHS Category 3</b>  |
| HSNO-Health 3.1D,<br>-Substance is harmful if exposed through:          | <b>Skin - GHS Category 5</b><br><b>Oral Ingestion – GHS Category 5</b>   |
| HSNO-Health 6.1B,<br>Substance that is harmful if exposed:              | <b>Skin - GHS Category 2</b><br><b>Oral Ingestion – GHS Category 2</b><br><b>Inhalation – GHS Category 2</b>                             |
| HSNO-Health 6.3 B,<br>-Substance is corrosive / irritating to the skin: | <b>Skin - GHS Category 3</b>   |
| HSNO- Health 6.4A,<br>Substance that is irritating to the eyes:         | <b>GHS Category 2A-2B</b>  |
| HSNO- Health 6.5B,<br>Substance that is                                 | <b>Skin - GHS Category 1</b>   |

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|   |  |
|---|--|
| harmful if exposed through the:   |  |
| HSNO- Health 6.7B, Substance that is harmful if exposed through the:                  | <b>Skin – GHS Category 2<br/>Inhalation – GHS Category 2<br/>Oral Ingestion – GHS Category 2</b> |
| HSNO- Health 6.8B, Substance is toxic to reproductive organs (single exposure):       | <b>Skin – GHS Category 2<br/>Oral Ingestion – GHS Category 2</b>                                 |
| HSNO- Health 6.9B, Substance is toxic to reproductive organs (repeated exposure):     | <b>Skin – GHS Category 2<br/>Oral Ingestion – GHS Category 2</b>                                 |
| HSNO- Physical 8.1A, Substance is corrosive to metals:                                |  |
| HSNO- Health 8.2C Substance can cause serious skin damage:                            | <b>GHS Category 1C</b>   |
| HSNO-8.3A, Substance can cause serious eye damage:                                    | <b>GHS Category 1</b>  |
| HSNO- Environmental 9.1A, Substance is toxic to the aquatic environment               | <b>GHS Category 1</b>  |
| HSNO- Environmental 9.1B, Substance is chronically toxic to the aquatic environment:  | <b>GHS Category 2</b>  |
| HSNO- Health 9.1D, Substance is acutely and chronically toxic to aquatic environment: | <b>GSH Category 2, 3, 4</b>  |

## Visible Identification: Water Stop



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Shipping  
Label:



**Danger Keep out of the reach of Children.**

## Hazard Statement:

As of March 2009, the relevant New Zealand regulations under the [Hazardous Substances and New Organisms Act 1996](#) do not specify the exact wording required for hazard statements. The following hazards recognised by the GHS apply to this product with the severity dependant on the exposure levels:

## Physical Hazard

|       |                             |
|-------|-----------------------------|
| H 226 | Flammable liquid and vapour |
| H 227 | Combustible liquid          |
| H 290 | Corrosive to metals         |

## Health Hazard

|          |   |
|----------|---|
| H 301    | Toxic if swallowed  |
| H 302    | Harmful if swallowed  |
| H 312    | Harmful in contact with skin  |
| H 303    | May be harmful if swallowed   |
| H 305    | May be harmful if swallowed and enters airways                            |
| H 311    | Toxic in contact with skin  |
| H 312    | Harmful in contact with skin  |
| H 313    | May be harmful in contact with skin                                       |
| H 314    | Causes severe skin burns and eye damage                                   |
| H 315    | Causes skin irritation  |
| H 316    | Causes mild skin irritation   |
| H 317    | May cause an allergic skin reaction                                       |
| H 318    | Causes serious eye damage   |
| H 319    | Causes serious eye irritation   |
| H 320    | Causes eye irritation   |
| H 331    | Toxic if inhaled  |
| H 332    | Harmful if inhaled  |
| H 333    | May be harmful if inhaled   |
| H 334    | May cause allergy or asthma symptoms or breathing difficulties if inhaled |
| H 335    | May cause respiratory irritation  |
| H 336    | May cause drowsiness or dizziness   |
| H 360F   | May damage fertility  |
| H 361f   | Suspected of damaging fertility   |
| H 370    | Causes damage to organs   |
| H 372    | Cause damage to organs through prolonged or repeated exposure             |
| H 372-EG | Cause damage to organs through prolonged or repeated exposure             |

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|          |   |
|----------|---|
| H 373    | May cause damage to organs through prolonged or repeated exposure |
| H 373a   | May cause damage to organs through prolonged or repeated exposure |
| H 373-EG | May cause damage to organs through prolonged or repeated exposure |

## Environmental Hazard

|       |  |
|-------|--|
| H 400 | Very toxic to aquatic life                             |
| H 401 | Toxic to aquatic life                                  |
| H 402 | Harmful to aquatic life                                |
| H411  | Toxic to aquatic life with long-lasting effects        |
| H 412 | Harmful to aquatic life with long-lasting effects      |
| H 413 | May cause long-lasting harmful effects to aquatic life |

## 3. COMPOSITION / INFORMATION OF INGREDIENTS

| Components                   | CAS Number | Proportion |
|------------------------------|------------|------------|
| Water                        | 7732-18-5  | 1-3%       |
| Resin                        |            | 92-99%     |
| Liquid Ammonia-<br>Anhydrous | 1336-21-6  | <0.6%      |
| Biocide                      |            | <0.3%      |
| White Spirits                | 64742-82-1 | <0.5%      |
| Other Additives              |            | <2%        |

## 4. FIRST AID MEASURES

Emergency No(s):  
CHEMCALL - 0800 CHEMCALL (0800 243 622)  
NZ Poison Centre - 0800 POISON (0800 764 766)  
NZ Emergency Services – 111

### First Aid Measures:

|                              |  |
|------------------------------|--|
| <b>Eye Contact</b>           | Immediately flush eyes with plenty of water and remove contacts where possible, ensure that they eyes are flushed for 15 minutes with the eyes wide open if the person feels unwell or irritation persists then take those exposed to the doctor.  |
| <b>Skin Contact</b>          | Prolonged and repeated contact with the skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis. Immediately wash skin with soap and water and ensure clothing is washed before reuse. Exposure to high vapor concentrations may cause eye and respiratory tract irritation, headaches, dizziness, nausea, uncoordination, drowsiness, and loss of consciousness. Immediately remove the person to a fresh air environment away from harm. If their breathing is difficult give them oxygen and if breathing difficulties persist take them to the doctor immediately. |
| <b>Inhalation</b>            | Although ingestion is unlikely, if swallowed seek medical advice immediately and show the container label to the Doctor. Do not induce vomiting and don't give anything by mouth especially to an unconscious person.  |
| <b>Ingestion (Swallowed)</b> |  |

## 5. FIRE FIGHTING MEASURES

### Hazards from combustion products:

This Product is flammable with flashpoint of 60°C.

### Extinguishing Media:

Use water spray, alcohol-resistant foam, Dry chemical or carbon dioxide extinguishing methods.

### Precautions in connection with fire:

Fire Fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. This product can emit toxic fumes under fire conditions. Water spray may be used to keep fire exposed containers cool.

## 6. ACCIDENTAL RELEASE MEASURES

### Emergency Procedure:

Clear area of all unprotected personnel, Of contamination of sewers or waterways has occurred, advise local emergency services. Wear appropriate protective equipment and respirators where mist or vapors exist in unknown quantities.

- If inhalation risk exists, use with local exhaust ventilation.
- Open windows and doors.
- Vapours are heavier than air.
- Place a barrier between the worker and the hazard.

**Large amounts:** Do not allow the product to enter drains, sewers or waterways. Remove leaking containers to a detached bunded area and recover using an inert material such as sand, earth or sawdust.

**Small amounts:** Wash away with plenty of water and be aware floors may become very slippery due to vigorous flushing which will cause copious amounts of foam. Ensure the clean up of this material in accordance with local authority bylaws.

**Disposal and cleaning of equipment:** Dispose of waste generated from the clean up of this material in accordance with local authority bylaws. All cleaning aides and equipment can be cleaned with water.

### Methods and materials for containment and clean up:

Dispose of waste generated from the clean up of this material in accordance with local authority bylaws. All cleaning aides and equipment can be cleaned with water.

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## 7. HANDLING AND STORAGE

### Precautions for safe handling:

- Read product label and instructions before use
- Avoid skin and eye contact and breathing in vapour
- Wear chemical type approved safety goggles, pvc-rubber gloves and protective clothing

### Conditions for safe storage:

- Store in cool, dry, well ventilated place and out of direct sunlight.
- Store away from food and feed sources
- Keep container tightly closed.
- Avoid release to the environment.
- Do not contaminate drinking water, through storage or disposal

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Health Exposure Standards:

| Source   | Material Name | TWA | STEL | Peak | Notes                      |
|--|---------------|-----|------|------|----------------------------|
| New Zealand Workplace Exposure Standards (WES) | N/A           | N/A | N/A  | N/A  | N/A - Not Available in WES |

**Exposure Controls:** wear the appropriate PPE

Personal Protection



## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                     |                     |
|-------------------------------------|---------------------|
| Appearance                          | Liquid, Milky White |
| Odour                               | Slight              |
| Solubility in water (g/l)           | Disperses Quickly   |
| Flash Point (°C)                    | 60°C                |
| Melting point / freezing point (°C) | Unknown             |
| Specific Gravity (Kg/Ltr)           | 1.0 – 1.11          |
| pH                                  | 8.5-9.5             |
| % Volatile (wt)                     | Not Available       |
| VOC (g/l)                           | Not Available       |

## 10. STABILITY AND REACTIVITY

|                     |  |
|---------------------|--|
| Chemical Stability  | Stable   |
| Hazardous reactions | Reacts to with metal displaying corrosive traits |
| Reactivity          | None   |

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|   |   |
|---|---|
| <b>Conditions to avoid</b>              | Store in a well ventilated place at normal temperature, Keep Container tightly closed and keep product from freezing. |
| <b>Hazardous decomposition products</b> | No decomposition if stored normally, Combustion may produce CO <sub>2</sub> , CO and nitrous oxides.                  |
| <b>Incompatible materials</b>           | Avoid contact with strong oxidising agents and acids. Corrosive to Metals.  |

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects:

|                     |   |
|---------------------|---|
| <b>Ingestion</b>    | Toxic if swallowed  |
| <b>Eye Contact</b>  | Toxic if splashed   |
| <b>Skin Contact</b> | Toxic if a large amount is splashed over the skin                           |
| <b>Inhalation</b>   | Toxic if inhaled and create breathing difficulties<br>Toxic to aquatic life |

## 12. ECOLOGICAL INFORMATION

**Toxicity:** Exposure to high vapor concentrations may cause eye and respiratory tract irritation, headaches, dizziness, nausea, uncoordination, drowsiness, and loss of consciousness.

**Small amounts:** Wash away with plenty of water and be aware floors may become very slippery due to vigorous flushing which will cause copious amounts of foam. Ensure the clean up of this material in accordance with local authority bylaws.

**Large amounts:** Do not allow the product to enter drains, sewers or waterways. Remove leaking containers to a detached bunded area and recover using an inert material such as sand or earth.

**Disposal and cleaning of equipment:** Dispose of waste generated from the clean up of this material in accordance with local authority bylaws. All cleaning aides and equipment can be cleaned with water.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods:

#### For bulk quantities:

Recycle where possible, otherwise, ensure that licenced contractors dispose of the product and its container.

#### For smaller quantities:

Dispose of waste generated from the clean up of this material in accordance with local authority bylaws.

#### Container disposal:

Empty cans should be left open in a well ventilated area to dry before disposal either to recycling or waste collection.

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## 14. TRANSPORT INFORMATION

### Required visible identification (Labels):



Marine Pollutant  
HAZCHEM

### Land Transport (UN):

UN Number N/A  
Packing Group As per current regulations and legislation  
UN proper shipping name N/A  
Environmental hazard Follow spill information clause **(6)**  
Transport hazard class(es) Class 3, 6, 8, 9 and must comply with the Rail, Land Transport Rule 45001/1 & NZS 5433  
Special precautions N/A

### Air Transport (ICAO-IATA / DGR):

UN Number N/A  
Packing Group As per current regulations and legislation  
UN proper shipping name N/A  
Environmental hazard Contain and follow spill information clause **(6)**  
Transport hazard class(es) Class 3, 6, 8, 9 and must comply with AirCivil Aviation Rule Part 92, ICAO Dangerous Goods NZ and International  
Special precautions N/A

### Sea Transport (IMDG-Code / GGV See):

UN Number N/A  
Packing Group As per current regulations and legislation  
UN proper shipping name N/A  
Environmental hazard Contain and follow spill information clause **(6)**  
Transport hazard class(es) Class 3, 6, 8, 9 and must comply with Sea Maritime Rule 24A and IMDG Dangerous Goods NZ and International.  
Special precautions N/A



## 15. REGULATORY INFORMATION

### Reference material:

- EPA January 2012 EPA0094, Labelling of hazardous substance.
- EPA January 2012 EPA0125, Correlation between GHS and New Zealand HSNO Hazard Classes and Categories.
- HSNO act 1996 and Dangerous Goods 2005 and all subsequent amendments.
- Workplace Exposure Standards for Airborne contaminants (ISBN 978-1-74361-055-8) Online pdf
- Health and Safety at Work Act 2015 and the Health and Safety at work Regulations 2016
- Sea Maritime Rule 24A and IMDG Dangerous Goods NZ and International
- Air Civil Aviation Rule Part 92, ICAO Dangerous Goods NZ and International
- Rail Land Transport Rule 45001/1 & NZS 5433

## 16. OTHER INFORMATION

### Definitions and abbreviations:

|                |  |
|----------------|--|
| <b>CAS No</b>  | Chemical Abstract Number                               |
| <b>ERMA</b>    | Environmental Risk Management Authority                |
| <b>PC-TWA</b>  | Permissible Concentration – Time Weighted Average      |
| <b>PC-STEL</b> | Permissible Concentration – Short Term Exposure Limit  |
| <b>HSNO</b>    | Hazardous Substance and New Organisms                  |
| <b>WES</b>     | Workplace Exposure Standard                            |
| <b>TEEL</b>    | Temporary Emergency Exposure Limit                     |
| <b>IDLH</b>    | Immediately Dangerous to Life or Health Concentrations |
| <b>OSF</b>     | Odour Safety Factor                                    |
| <b>NOAEL</b>   | No Observed Adverse Effect Level                       |
| <b>LOAEL</b>   | Lowest Observed Adverse Effect Level                   |
| <b>TLV</b>     | Threshold Limit Value                                  |
| <b>LOD</b>     | Limit Of Detection                                     |
| <b>OTV</b>     | Odour Threshold Value                                  |
| <b>BCF</b>     | BioConcentration Factors                               |
| <b>BEI</b>     | Biological Exposure Index                              |
| <b>STEL</b>    | Short Term Exposure Limit                              |

### Note:

The information in this SDS was obtained from sources, which we believe were reliable at the time of creating this SDS. However, the information is provided without any presentation or warranty, expressed or implied, regarding its accuracy. The information and recommendations herein, are to the best of our knowledge, true and accurate. No Warranty, express or implied is made or intended.