

# SAFETY DATA SHEET

**RAPIDEX HL 9555**

Infosafe No.: LPZ81  
Version No.: 1.0  
ISSUED Date: 25/05/2015  
ISSUED BY H.B. FULLER COMPANY

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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**Product Name**

RAPIDEX HL 9555

**Company Name**

H.B. FULLER COMPANY (ABN 003 638 435)

**Address**

16-22 Red Gum Drive Dandenong South  
Victoria 3175 Australia

**Emergency Tel.**

AUS: 1800 033111 (or IDD +61 3 9663 2130), NZ: 0800 734 607 (Or IDD +64 473 4607)

**Telephone/Fax Number**

Tel: Customer Service Toll Free Numbers: Australia 1800 423 855; New Zealand: 0800 555 072

**Recommended Use**

Used for cleaning of reactive polyurethane hot melt adhesives from manufacturing machinery.

**Other Information**

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular, how to safely handle and use the product in the workplace. Since H.B. Fuller Company Australia Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for the products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

## 2. HAZARD IDENTIFICATION

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**Hazard Classification**

Australia:

Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission

(NOHSC), Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

New Zealand:

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

HSNO Classification:

9.1D - Substance that is slightly harmful to the aquatic environment or is otherwise designed for biocidal action

Hazard statement codes:

H413 May cause long lasting harmful effects to aquatic life.

Precautionary statement codes - Prevention:

P103 Read label before use.

P104 Read Safety Data Sheet before use.

P273 Avoid release to the environment.

Precautionary statement codes - Response:

None

Precautionary statement codes - Storage:

None

Precautionary statement codes - Disposal:

P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

**Risk Phrase(s)**

R53 May cause long term adverse effects in the aquatic environment.

**Safety Phrase(s)**

S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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#### Chemical Characterization

Solid

#### Ingredients

Name	CAS	Proportion
Mixture of: cis-1,4-dimethylcyclohexyl dibenzoate and trans-1,4-dimethylcyclohexyl dibenzoate	35541-81-2	100 %

## 4. FIRST-AID MEASURES

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### **Inhalation**

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

### **Ingestion**

Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

### **Skin**

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

### **Eye**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.

### **First Aid Facilities**

Eyewash and normal washroom facilities.

### **Advice to Doctor**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

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### **Suitable Extinguishing Media**

Foam, dry chemical powder, carbon dioxide, water spray or water fog.

### **Hazards from Combustion Products**

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

### **Specific Hazards**

This product will burn if exposed to fire.

### **Decomposition Temperature**

Not available

### **Precautions in connection with Fire**

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

## 6. ACCIDENTAL RELEASE MEASURES

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### Emergency Procedures

Remove all sources of ignition. Increase ventilation. Evacuate all unprotected personnel. Do not breathe dust. Wear respiratory protection and full protective clothing to minimise exposure. Sweep up material avoiding dust generation - dampen spilled material with water if suitable to avoid airborne dust, OR where possible use dustless methods such as vacuum to collect the material; then transfer material in to suitable vapour tight labelled containers for subsequent recycling or disposal. Dispose of waste according to applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

## 7. HANDLING AND STORAGE

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### Precautions for Safe Handling

Avoid inhalation of dust, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of dust in the work atmosphere. Establish good housekeeping practices. Remove dust accumulations on a regular basis by vacuuming or gentle sweeping to avoid creating dust clouds. Maintain high standards of personal hygiene i.e. by washing hands prior to eating, drinking, smoking or using toilet facilities.

### Conditions for Safe Storage

Store in a well ventilated area away from heat and sources of ignition, out of direct sunlight and moisture. Take precautions against static electricity discharges. Use proper grounding procedures. Store away from incompatible materials such as materials that support combustion (oxidising materials). Store in suitable, labelled containers. Inspect periodically for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Ensure that storage conditions comply with applicable local and national regulations. For information on the handling of Combustible dusts and grounding procedure reference should be made to Australian Standard AS/NZS 4745.2004 - 'Code of Practice for Handling Combustible Dusts'.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### National Exposure Standards

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

### Biological Limit Values

No biological limits allocated.

### Engineering Controls

Use with good general ventilation. If dust is produced, local exhaust ventilation should be used.

### **Respiratory Protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

### **Eye Protection**

Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

### **Hand Protection**

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

### **Body Protection**

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

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### **Form**

Solid

### **Appearance**

White to off white flakes.

### **Odour**

Not available

### **Decomposition Temperature**

Not available

### **Melting Point**

Approx. 118°C

### **Boiling Point**

Not available

### **Solubility in Water**

Insoluble

### **Specific Gravity**

Approx. 1.14

### **pH Value**

Not available

**Vapour Pressure**

2.2x10<sup>-5</sup> mmHg at 20°C

**Vapour Density (Air=1)**

Not available

**Evaporation Rate**

Not available

**Odour Threshold**

Not available

**Viscosity**

Not available

**Colour**

White to off white

**Volatile Component**

No data (According to Californian South Coast Air Quality Management rule 1168)

**Octanol/Water Partition Coefficient**

Log Pow >3.73 at 20°C.

**Flash Point**

258°C

**Flammability**

Combustible solid

**Auto-Ignition Temperature**

>450°C

**Explosion Limit - Upper**

Not available

**Explosion Limit - Lower**

Not available

**10. STABILITY AND REACTIVITY**

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**Stability and reactivity**

Reacts with incompatible materials

**Chemical Stability**

Stable under normal conditions of handling and storage.

**Conditions to Avoid**

Dust accumulation, heat and other sources of ignition.

**Incompatible materials**

Strong oxidising agents.

**Hazardous Decomposition Products**

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

**Hazardous Polymerization**

Will not occur.

**11. TOXICOLOGICAL INFORMATION**

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**Toxicology Information**

The available toxicity data for material given below.

**Inhalation**

Inhalation of dusts may irritate the respiratory system.

**Ingestion**

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

**Skin**

Skin contact may cause mechanical irritation resulting in redness and itching.

**Eye**

Eye contact may cause mechanical irritation. May result in mild abrasion.

**Chronic Effects**

Not available

**Acute Toxicity - Oral**

LD50 (Rat): >5000 mg/kg

**12. ECOLOGICAL INFORMATION**

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**Ecotoxicity**

May cause long term adverse effects in the aquatic environment.

The available ecological data is given below.

**Persistence / Degradability**

Ready Biodegradability (Closed Bottle) Test = 28% biodegradation within 28 days, not readily biodegradable.

**Mobility**

Low water solubility.

**Bioaccumulative Potential**

Not available

## Environmental Protection

Prevent this material entering waterways, drains and sewers.

### Acute Toxicity - Fish

LC50 (Rainbow Trout): > 0.8 mg/l = 100 mg/l/96h as Water Accommodated Fraction (WAF)

### Acute Toxicity - Daphnia

LC50 (Daphnia) : >0.0014 mg/l/48h = 100 mg/l as WAF

### Acute Toxicity - Algae

EC50 (Algal growth inhibition) : >0.012 mg/l/72h (Maximum test concentration due to low water solubility)

## 13. DISPOSAL CONSIDERATIONS

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### Disposal considerations

Australia:

Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

New Zealand:

Product Disposal:

Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. The product should be rendered non-hazardous before being sent to a licensed landfill facility. In this specific case the product is a combustible substance and therefore can be sent to an approved high temperature incineration plant for disposal.

Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as specified in the same section must also be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed.

Do not dispose into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected.

In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Regulations 2001. Further details regarding disposal can be obtained on the EPA New Zealand website under specific group standards.

Container Disposal:

The container or packaging must be cleaned and rendered incapable of holding any substance. It can then be disposed of in a manner consistent with that of the substance it contained. In this instance the packaging can be disposed through a commercial waste collection service.

Alternatively, the container or packaging can be recycled if the hazardous residues have been thoroughly cleaned or rendered non-hazardous.

In New Zealand, the packaging (that may or may not hold any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

## 14. TRANSPORT INFORMATION

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### Transport Information



Australia:

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

New Zealand:

Not classified as Dangerous Goods for transport according to the NZS 5433:2012 Transport of Dangerous Goods on Land.

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**U.N. Number**

None Allocated

**Proper Shipping Name**

None Allocated

**DG Class**

None Allocated

**Packing Group**

None Allocated

**IMDG Marine pollutant**

No

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## 15. REGULATORY INFORMATION

**Regulatory information**

Australia:

Not classified as Hazardous according to criteria of National Occupational Health and Safety Commission (NOHSC), Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

**Poisons Schedule**

Not Scheduled

**National and or International Regulatory Information**

New Zealand:

Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

Group Standard: Cleaning Products (Subsidiary Hazard) Group Standard 2006

**HSNO Approval Number**

HSR002530

## Australia (AICS)

All constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

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### Date of preparation or last revision of MSDS

SDS Reviewed: May 2015

Supercedes: July 2010

### Contact Person/Point

For advice in an emergency contact:

Australia: 1800 033 111 (or IDD +61 3 9663 2130).

New Zealand: 0800 734 607 (or IDD +64 4 473 4607)

### References

Australia:

Standard for the Uniform Scheduling of Medicines and Poisons.

Approved criteria for classifying hazardous substances [NOHSC:1008(2004)].

National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC:2011(2003)].

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants, Safe work Australia.

American Conference of Industrial Hygienists (ACGIH)

New Zealand:

Workplace Exposure Standards and Biological Exposure Indices

Transport of Dangerous goods on land NZS 5433.

Preparation of Safety Data Sheets - Approved Code of Practice Under the HSNO Act 1996 (HSNO CoP 8-1 09-06).

Assigning a hazardous substance to a group standard.

American Conference of Industrial Hygienists (ACGIH)

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## END OF SDS

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