

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: RAPC HIGH SOLIDS ACRYTHANE HARDENER

Other Names:

Recommended Use: Part 2 of a two-pack urethane coating

Company Name: Resene Paints Limited

Address: 32-50 Vogel Street

Phone: (04) 577 0500 **Fax:** (04) 577 0600

Naenae Wellington NEW ZEALAND
P O Box 38242 Wellington Mail Centre

Emergency Telephone: 0800 737 363 Available Monday - Friday 8.00am - 4.30pm

New Zealand Poisons Centre: 0800 764 766

SECTION 2. HAZARDS IDENTIFICATION

Hazard Classification HAZARDOUS according to NZ HSNO Regulations
Regulated under NZS5433 for land transportation

Risk Phrases

Safety Phrases

Substance Classification 3.1B 6.1E 6.3B 6.5A 6.5B 9.1C

Hazard Statements Highly flammable liquid and vapour
May be harmful if swallowed
Causes mild skin irritation
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause an allergic skin reaction
Harmful to aquatic life with long lasting effects

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredients | % | CAS No | TWA | |
|----------------------------|------|-----------|------------------------|-------------------|
| n-Butyl Acetate | 1-10 | 123-86-4 | 713 mg/m ³ | NZ OSH (WES) 1994 |
| Hexamethylene diisocyanate | <1 | 822-06-0 | 0.02 mg/m ³ | NZ OSH (WES) 2002 |
| Polymeric HDI | >60 | 4035-89-6 | None Establish | |

SECTION 4. FIRST AID MEASURES

Eye: If eye irritation persists: Get medical advice/attention.

Swallowed: Can be harmful if swallowed.

Skin IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF skin irritation occurs: Get medical advice/attention.

Inhaled IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breath

Aggravated medical conditions caused by exposure

Chronic Health Effects

Advice to Doctor

SECTION 5. FIRE FIGHTING MEASURES

Extinguisher Foam, Carbon Dioxide, Dry Chemical

Hazards from combustion products

Special protective precautions and equipment for firefighters

Fire/Explosion Hazard Auto Ignition Temperature Lower Explosion Limit Upper Explosion Limit

Hazchem Code Flash Point

3[Y][E]

27°C

SECTION 6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Keep spectators away and avoid breathing dust or vapours

Methods and materials for containment and clean up

Minor Spills Clean up spills immediately.

Wear protective clothing and breathing apparatus.

Use absorbent clean up materials, such as fire retardant treated sawdust or diatomaceous earth.

Keep spills (and as much as possible cleaning runoffs) out of municipal sewers and waterways.

Sweep up.

Place in separate container for disposal or recovery.

Major Spills Restrict access to area. No smoking or naked lights.

Alert Fire Brigade and tell them location and nature of hazard.

Consider evacuation (or protect in place).

Clear area of personnel and move upwind.

Dike and contain spill with inert materials (eg. Sand).

Stop leak if safe to do so.

Keep spills (and as much as possible cleaning runoffs) out of municipal sewers and open bodies of water.

Collect recoverable product into labelled containers for recycling.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling Avoid damaging containers. Keep lids on containers when not in use

Conditions for safe storage including any incompatibilities

Storage Temperatures Min 10°C Max 40°C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards for mixture No exposure standards has been established for this product

| Component Pigments | Breathing Zone ppm | Breathing Zone mg/m ³ |
|--------------------|--------------------|----------------------------------|
|--------------------|--------------------|----------------------------------|

Personal Protection

Eyes Safety eyewear with splash guards or side shields to prevent eye contact is recommended when using any paint.

Hands/Feet Protective clothing. Gloves of neoprene or nitrile rubber - Industrial weight lined gauntlet recommended.

Other Overalls, impervious clothing, barrier cream, eyewash unit, skin cleansing cream.
Practice good caution and personal cleanliness to avoid skin contact. Avoid breathing vapours of heated materials. Wash hands thoroughly before handling food.

Respirator

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear liquid

| | | | | | | | |
|-------|----|-----------------|----------------|---------------|-------------|------------|--------------------|
| Odour | pH | Vapour Pressure | Vapour Density | Boiling Point | Melt Freeze | Solubility | Volatile by Weight |
| | | | | | | Immiscible | 10 |

SECTION 10. STABILITY AND ACTIVITY

Chemical Stability Product is considered stable under normal storage and handling conditions.

Conditions to Avoid Freezing, excessive heat and changes in temperature

Incompatible Material

Hazardous decomposition product

Hazardous reactions Hazardous polymerisation will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

No data available for this product

Refer to individual raw materials

SECTION 12. HAZARDS IDENTIFICATION

Do not allow the product to enter the environment

No data available for this product

SECTION 13. DISPOSAL CONSIDERATIONS

Special precautions for landfill or incineratio

Consult manufacturer for recycling options and recycle where possible

Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed

SECTION 14. TRANSPORT INFORMATION

UN Number 1263

UN Proper shipping Paint related product

Subsidiary risk

Poison Schedule

HAZCHEM Code 3[Y][E]

Packing Group: II

Class 3

Special precautions for user

SECTION 15. REGULATORY INFORMATION

Group Standard HSR002662 Surface Coatings & Colourants (Flammable)

Approved Handler Class 3.1B required for quantities greater than 250Lt (containers greater than 5Lt capacity) or greater than 500Lt (containers less than 5Lt capacity)

SECTION 16. OTHER INFORMATION

Date of Preparation 23/10/2008

Literature references MSDS's for individual raw material

Abbreviations:

NOHSC National Occupational Health and Safety Commissio

TLV Time weighted averag

STEL Short term exposure limit

CAS Numbe Chemical Abstract Service registry numbe

TWA Threshold limit valu

Marine Pollutant Marine Pollutant

Safety data sheets are updated frequently. Please ensure that you have a current copy

The information contained herein is based on data considered accurate and reliable to the best of our knowledge and belief as of the date compiled. However no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use hereof. Resene Paints (New Zealand) Limited assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such users or vendors assume all risks associated with the use of the material. It is the users responsibility to satisfy themselves as to the suitability and completeness of the information for their own particular use. The users must determine whether the use of the information and data is in accordance with local laws and regulations.