



# Safety Data Sheet

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Professional Construction Adhesive

**Recommended Use:** Multipurpose construction adhesive.

**Supplier** Nippon Paint (H.K.) Co., Ltd.  
**Street Address:** Suites 3203-4, 32/F., Tower 2, Nina Tower,  
No. 8 Yeung Uk Rd., Tsuen Wan, N.T. Hong Kong

**Telephone Number:** 852-26999333  
**Fax:** 852-26028844

## 2. HAZARDS IDENTIFICATION

This material is hazardous according to criteria of Safe Work Australia; HAZARDOUS SUBSTANCE.

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

**Risk Phrases:** Highly Flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

**Safety Phrases:** Keep away from sources of ignition - No Smoking. Do not breathe vapour. Avoid contact with skin and eyes. Do not empty into drains. Take precautionary measures against static discharges. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

**Poisons Schedule:** None allocated.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Components	CAS Number	Proportion	Risk Phrases
Methyl acetate	79-20-9	10-<30%	R11, R36, R66, 67
Acetone	67-64-1	1-<10%	R11 R36 R66 R67
Naphtha (petroleum), hydrotreated light	64742-49-0	1-<5%	R11, R51/53, R65
Heptane	142-82-5	1-<5%	R11, R38, R50/53, R65, R67
Ingredients determined not to be hazardous	-	to 100% -	

## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Hong Kong 852-26999333) or a doctor.

### Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If patient finds breathing difficult and develops a bluish discolouration of the skin (which suggests a lack of oxygen in the blood - cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply artificial respiration if patient is not breathing. Seek immediate medical advice.

### Skin Contact:

Wipe excess material from skin with a clean rag or paper towel (do NOT use solvent to clean skin). If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.

### Eye Contact:

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.

### Ingestion:

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

### Medical attention and special treatment:

Treat symptomatically.

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## 5. FIRE FIGHTING MEASURES

### Hazards from combustion products:

Flammable paste. On burning will emit toxic fumes, including those of oxides of carbon.

### Precautions for fire fighters and special protective equipment:

Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

### Suitable Extinguishing Media:

Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal protein foam can be used.

Hazchem Code: · 3YE

## 6. ACCIDENTAL RELEASE MEASURES

### Emergency procedures:

If contamination of sewers or waterways has occurred advise local emergency services.

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

SMALL SPILLS: Slippery when wet. Avoid accidents, clean up immediately. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

LARGE SPILLS: Shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Cured material can only be removed by cutting or abrasion.

## 7. HANDLING AND STORAGE

### Conditions for safe storage:

Store in cool place and out of direct sunlight. Store in a well ventilated area away from foodstuffs, oxidising agents and sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

### Precautions for safe handling:

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Avoid skin and eye contact and breathing in vapour. May form flammable vapour mixtures with air. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke. Vapour may travel a considerable distance to source of ignition and flash back.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

Acetone: 8hr TWA = 1185 mg/m<sup>3</sup> (500 ppm), 15 min STEL = 2375 mg/m<sup>3</sup> (1000 ppm)

Heptane: 8hr TWA = 1640 mg/m<sup>3</sup> (400 ppm), 15 min STEL = 2050 mg/m<sup>3</sup> (500 ppm)

Methyl acetate: 8hr TWA = 606 mg/m<sup>3</sup> (200 ppm), 15 min STEL = 757 mg/m<sup>3</sup> (250 ppm)

As published by the National Occupational Health and Safety Commission.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight hour work day. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

#### Engineering controls:

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected.

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### Personal Protective Equipment:

The selection of PPE is dependant on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Selleys Factory Safe Handling Code: Yellow



MANUFACTURE, PACKAGING AND TRANSPORT: Yellow - Wear overalls (or 'issued' long pants and long sleeve tops), safety boots, gloves, safety glasses and approved solvent canister. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.  
FOR CONSUMER USE: Avoid contact with eyes and skin. Use with adequate ventilation. Wash hands after use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Paste
<b>Colour:</b>	Brown
<b>Odour:</b>	Solvent
<b>Solubility:</b>	Insoluble in water. Soluble in organic solvents.
<b>Specific Gravity:</b>	1.24-1.29
<b>Relative Vapour Density (air=1):</b>	>1
<b>Vapour Pressure (20 °C):</b>	Not available
<b>Flash Point (°C):</b>	-9 (solvent)
<b>Flammability Limits (%):</b>	Not available
<b>Autoignition Temperature (°C):</b>	Not available
<b>%Volatile by Weight:</b>	30
	Calculated VOC (less exempt solvent): < 70 g/L
<b>Melting Point/Range (°C):</b>	Not applicable
<b>Boiling Point/Range (°C):</b>	Not available
<b>pH:</b>	Not applicable
<b>Viscosity:</b>	Flow time >100 seconds (6 mm jet)
<b>Evaporation Rate:</b>	Not available

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### 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under normal conditions of use.
<b>Conditions to avoid:</b>	Avoid contact with foodstuffs. Avoid exposure to heat, sources of ignition, and open flame.
<b>Incompatible materials:</b>	Incompatible with oxidising agents.
<b>Hazardous decomposition products:</b>	Oxides of carbon.
<b>Hazardous reactions:</b>	None known.

### 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

<b>Ingestion:</b>	Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is showing signs of central system depression (like those of drunkenness) there is greater likelihood of the patient breathing in vomit and causing damage to the lungs. reathing in vomit may lead to aspiration pneumonia (inflammation of the lung). No adverse effects expected after swallowing cured (solvent free) sealant.
<b>Eye contact:</b>	An eye irritant.
<b>Skin contact:</b>	Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.
<b>Inhalation:</b>	Material may be irritant to the mucous membranes of the respiratory tract (airways). Breathing in vapour can result in headaches, dizziness, drowsiness, and possible nausea. Breathing in high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.

**Long Term Effects:** No information available for the product.

**Toxicological Data:** No LD50 data available for the product.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Avoid contaminating waterways.

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### 13. DISPOSAL CONSIDERATIONS

#### Disposal methods:

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Advise flammable nature.

Normally suitable for incineration by an approved agent.

### 14. TRANSPORT INFORMATION

#### Road and Rail Transport

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.



**UN No:** 1133  
**Class-primary** 3 Flammable Liquid  
**Packing Group:** II  
**Proper Shipping Name:** ADHESIVES  
**Hazchem Code:** 3YE

#### Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

**UN No:** 1133  
**Class-primary:** 3 Flammable Liquid  
**Packing Group:** II  
**Proper Shipping Name:** ADHESIVES

#### Air Transport

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOOD

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**UN No:** 1133  
**Class-primary:** 3 Flammable Liquid  
**Packing Group:** II  
**Proper Shipping Name:** ADHESIVES

## 15. REGULATORY INFORMATION

**Classification:** This material is hazardous according to criteria of Safe Work Australia;  
HAZARDOUS SUBSTANCE.

**Hazard Category:** Xi: Irritant

**Risk Phrase(s):** R11: Highly Flammable.  
R36: Irritating to eyes.  
R66: Repeated exposure may cause skin dryness or cracking.  
R67: Vapours may cause drowsiness and dizziness.

**Safety Phrase(s):** S16: Keep away from sources of ignition - No smoking.  
S23: Do not breathe vapour/mist/aerosol.  
S24/25: Avoid contact with skin and eyes.  
S29: Do not empty into drains.  
S33: Take precautionary measures against static discharges.  
S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

**Poisons Schedule:** None allocated.

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

## 16. OTHER INFORMATION





## Safety Data Sheet

For further copies of this sheet or other product information contact Nippon Paint (H.K.) Co., Ltd.

Phone: 852-2699 9333

Fax: 852-2602 8844

### **Reason(s) for Issue:**

First issue the primary SDS

This safety data sheet has been prepared by SDS Services.

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since DuluxGroup Limited can not anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their DuluxGroup representative or DuluxGroup Limited at the contact details on page 1.

DuluxGroup Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.