

MATERIAL SAFETY DATA SHEET

This material is hazardous according to criteria of NOHSC
Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods
Code for transport by Road & Rail.

1. Product and Company identification

Product Name: HIGHWEAR ADDITIVE
Product Code: 90-902

Supplier: Colourtrend Paints Australia Pty Ltd
ABN: 50 057 442 323
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Wetherill Park
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Product Use: Use as a decorative & protective coating on timber structures.
Applied by brush, roller, conventional spray or airless spray.

2. Composition/Information on Ingredients

<u>Name</u>	<u>CAS Number</u>	<u>%</u>
1-Methoxy-2-propyl acetate	108-65-6	10-30
Xylene	1330-20-7	10-30
Ethyl Benzene	100-41-4	1-10
Aliphatic Polyisocyanate	53880-05-0	>60
Isophorone Diisocyanate	4098-71-9	<1

3. Hazards Identification

Hazardous nature: Classified as hazardous according to criteria of NOHSC
Classification: Xn Harmful
Risk Phrases: R20/21: Harmful by inhalation and in contact with skin
Safety Phrases: S51: Use only in well-ventilated areas

4. First Aid Measures**Swallowed**

If swallowed drink 2 glasses of water and seek medical advice from a physician if required.

Eye

Flush eyes with copious quantities of water for at least 15 minutes. Seek medical attention.

Skin

Remove all contaminated clothing/footwear and wash skin with running water. Seek medical advice
From a physician if irritation persists.

Inhaled

Remove from contaminated area. Remove contaminated clothing. Apply air resuscitation if breathing is irregular or stopped. Seek medical attention.

First Aid Facilities

Eye wash and safety shower facilities should be available.

Advice to doctor

Treat symptomatically.

5. Fire Fighting Measures

Specific Hazards: Flammable liquid. Avoid all ignition sources. Do not smoke.
Extinguishing Media: On burning will emit toxic fumes. Use foam, dry chemical, carbon dioxide.
Fire fighting advice: Avoid contamination with oxidising agents. Fire fighters and others exposed to vapours or products of combustion should wear self-contained breathing apparatus and suitable protective clothing.

6. Accidental release measures

Minor Spills: Clean up all spills immediately. Place in a suitable labelled container for waste disposal.
Major Spills: Contain/prevent run off into drains and waterways. Shut off all possible sources of ignition. Wear protective clothing to prevent skin and eye contact. Avoid breathing in vapours. Contain spill with sand, earth or vermiculite. Alert Fire Brigade if necessary. Collect recoverable material and seal in properly labelled containers or drums for disposal.

7. Handling and storage

Handling: Wear protective clothing. Avoid physical damage to containers. Always wash hands with soap and water after handling.
Storage: Store in cool dry well ventilated place and out of direct sunlight. Keep containers sealed when not in use. Avoid contact with incompatible materials. Check all containers are clearly labelled & free from leaks. Follow manufacturer's storing & handling recommendations.

8. Exposure controls/Personal protection

Threshold value in air defined by TRGS 900 (MAK value):

Isophorone diisocyanate: 0.01 ml/m³ (ppm) corresp. to 0.09 mg/m³ (8 hours average value).

Maximum limit of excess factor 1.

2-Methoxyl-1-Methylethyl Acetate: 50 ml/m³ (ppm) corresp. to 270 mg/m³ (8 hours average value)

Maximum limit of excess factor 1.

Xylene (all isomers): 100 ml/m³ (ppm) corresp. to 440 mg/m³ (8 hours average value)

Maximum limit of excess factor 4.

Ethykbenzene: 100 ml/m³ (ppm) corresp. to 440 mg/m³(8 hours average value)
Maximum limit of excess factor 4.

Engineering Control Measures:

Use under well ventilated condition. If use indoors, open all windows and doors. Seal containers closed when not in use.

Personal Protection:

If there is a risk of eye contact, repeated or prolonged skin contact or inhalation, wear gloves, safety glasses and a respirator. Wash hands prior to smoking, eating and drinking.

9. Physical and chemical properties**PHYSICAL DESCRIPTION & PROPERTIES**

Appearance	:	Liquid
Odour	:	Solvent
Colour	:	Yellowish
Boiling Point	:	139C
Melting Point	:	Not Available
Specific Gravity	:	0.9 – 1.1 at 20C
Flash Point	:	>39C
Flammability Limits	:	Not Available
Solubility in water	:	Insoluble in water. Soluble in organic solvents
PH as supplier	:	Not Applicable
Vapour pressure (20C)	:	5 mbar at 20C
Evaporation rate	:	Not Available
Autoignition Temp.(C)	:	Not Available
Volatile (% Wt.)	:	Not Available
Decomposition Temp(C):	:	Not Available

10. Stability and reactivity

No hazardous decomposition products when stored and handled correctly.

Hazardous reactions: Exothermic reaction with amines and alcohols; reacts slowly with water forming CO₂, in closed containers risk of bursting owing to increase of pressure.

11. Toxicological Information

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

Eye: May produce eye irritation

Skin: Contact with skin may results in irritation

Inhaled: The vapour or mist may irritate to mucous membranes of the respiratory tract. This may cause headache and nausea.

Swallowed: Swallow may result in nausea, abdominal irritation and vomiting.

12. Ecotoxicological information

Avoid contaminating waterways and dispose of paint or washings into drains or stormwater channels.

13. Disposal considerations

Recycle wherever possible. Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Unwanted paint should be allowed to dry and then disposal of via domestic waste collection. Empty paint cans should be left open in a good ventilated area to dry before disposal. Consult your State Land Waste Management Authority prior to disposal.

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.

UN No: 1866
Class-primary: 3 Flammable Liquid
Packing Group: 111
Proper Shipping Name: Resin solution
Hazchem Code: 3[Y]

Marine Transport:

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

UN No: 1866
Class-primary: 3 Flammable Liquid
Packing Group: 111
Proper Shipping Name: Resin solution

Air Transport:

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

UN No: 1866
Packing Group: 111
Proper Shipping Name: Resin solution

15. Regulatory information

Classification: Classified as hazardous according to criteria of NOHSC.
Xi: Irritant. Contains isocyanates and isophorone diisocyanate.

Poisons Schedule: None allocated.

A.I.C.S. Status: All components of the finished product are listed on the Australian Inventory of Chemical Substances (AICS).

Risk Phrase(s): R10: Flammable
R20/21: Harmful by inhalation and in contact with skin.

Safety Phrase(s): S16: Keep away from ignition source – no smoking
S51: Use only in well-ventilated areas.

16. Other information

The product is used mainly as a hardener in coating materials or adhesives. The handling of coating materials or adhesives containing reactive polyisocyanates and residual monomeric IPDI requires appropriate protective measures referred to in this safety data sheet.

This material safety data sheet prepared by Colourtrend Paints Australia Pty Ltd.