

Date of Issue : 30/04/07

Emergency Telephone No. +612 9634-5560
MATERIAL SAFETY DATA SHEET
U-STRIP MASKING SOLUTIONPage 1 of 4
Ref msds 00094

Not classified as Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company : BC Coatings
Address : 2 Hume Road, Smithfield, N.S.W., 2164
Telephone Number : +612 9729 2000
Emergency Telephone Number : +612 9634 5560

IDENTIFICATION

Product Name : U-STRIP MASKING SOLUTION
Other Names : Strippable coating
Product Code : U-Strip
UN Number : Not applicable
Dangerous Goods Class : Not applicable
Subsidiary Risk : Not applicable
Hazchem Code : Not applicable
Poisons Schedule/ Number : Not applicable
Use : Mask and Spray Coating. Spray booth protection.

PHYSICAL DESCRIPTION / PROPERTIES

Appearance : Light blue aqueous suspension.
Boiling Point : 100 °C
Vapour Pressure : Not applicable
Specific Gravity : 0.980
Flash Point : > 371 °C (resin component)
Flammability Limits (% volume) : Not applicable
Solubility in Water (% weight) : Miscible in all proportions
Other Properties : Not applicable

INGREDIENTS

Chemical Entity	CAS No.	Proportion (w/w)
POLYVINYL BUTYRAL	N/A	30 - 60 %
WATER	7732-18-5	30 - 60 %
POLYACRYLATE POLYMER	N/A	< 5 %
FREE FORMALDEHYDE	50-00-0	< 0.05 %

HEALTH HAZARD INFORMATION

HEALTH EFFECTS - ACUTE EXPOSURE

The following information relates directly to the major component being Polyvinyl Butyral :

Health Affects : Dermal contact and inhalation are expected to be the primary route's of occupational exposure to this material.
Occupational exposure to this material has not been reported to cause significant adverse health effects.
On the basis of available information ,exposure to this material is not expected to produce any significant adverse human health effects when recommended safety precautions are followed.

Acute Effects

Swallowed : Practically non toxic.
Eye : Causes only slight eye irritation.
Skin : Does not present a significant skin concern.
Inhaled : No appreciable risk presented by this mode of contact under correct ventilation conditions.

FIRST AID

Eye : Immediately flush with plenty of water for at least 15 minutes. Call a physician.
Skin : Remove contaminated clothing and wash skin thoroughly.
Launder contaminated clothing before reuse.
First aid facilities : Shower facilities and eye wash stations should be provided.

ADVICE TO DOCTOR: Treat symptomatically.

PRECAUTIONS FOR USE

Exposure Limits : Airborne Exposure Limits

Aqueous dispersion of Polyvinyl Butyral.

ACGIH TLV 8-hr TWA : None established.

Formaldehyde wt. % < 0.05

ACGIH TLV 8-hr TWA : 1ppm

ACGIH short term exposure limits : 2ppm

Australian Recommended Hygiene Standard : 1ppm

Listed as Established Animal Carcinogen, suspected human carcinogen.



PRECAUTIONS FOR USE - continued

ENGINEERING CONTROLS

Provide ventilation to control exposure levels below airborne exposure limits.

Use local mechanical exhaust ventilation at sources of air contamination such as open process equipment

PERSONAL PROTECTION

Precautionary Measures : Handle according to good industrial hygiene and safety practice .
Avoid unnecessary exposure.
Remove material from eyes, skin and clothing.

Eye : No special protection is required.
Avoid eye contact as good industrial practice.

Skin : This material presents no significant skin concern.
Minimise skin contact as good industrial practice.
Wearing of protective gloves is recommended.
Wash hands and contaminated skin thoroughly after handling.

Respiratory : Avoid breathing mist or vapour.
Use appropriate equipment when airborne exposure limits are exceeded.
Consult respirator manufacturer to determine appropriate type of equipment for given application.
The respirator use limitations specified by the manufacture must be observed.
High airborne concentrations may require use of self-contained breathing apparatus or supplied air respirator.
Respiratory protection programs must be in compliance with AS1715 / AS1716.

FLAMMABILITY : Aqueous solution will not flash.
Resin flash point : > 371 °C



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U-STRIP MASKING SOLUTION

Manufacturers of UTHANE Polyurethane Coatings
2 Hume Road, Smithfield, N.S.W., 2164, Australia
Phone +612 9729-2000 Fax +612 9729-2279

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SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

DO NOT FREEZE - SUSPENSION MAY BREAK.

Australian Transport Code

Label : N/A

Packaging Group : N/A

EPG/GTEPG : N/A

SPILLS AND DISPOSAL

WASTE DISPOSAL : Burn in an approved incinerator or dispose of in a chemical landfill in accordance with all local or state laws.

Consult appropriate regulatory officials for information on disposal.

SPILL AND LEAKAGE PROCEDURES : Sweep up and dispose of as recommended above.

FIRE AND EXPLOSION HAZARD

EXTINGUISHING MEDIA : Water spray, foam, dry chemical, carbon dioxide and/or any Class B extinguishing agent.

Cool container with water spray.

SPECIAL FIRE-FIGHTING PROCEDURES

Fire fighters or others exposed to products of combustion should wear full protective clothing including self-contained breathing apparatus.

Thoroughly decontaminate equipment after use.

UNUSUAL FIRE AND EXPLOSION HAZARDS : None Known.

OTHER INFORMATION

TOXICOLOGICAL DATA

Data from studies indicate the following:

Oral	LD ₅₀	(rat)	: > 15,800 mg/kg, practically Non-Toxic
Dermal	LD ₅₀	(rabbit)	: > 7,940 mg/kg, practically Non-Toxic
Eye Irritation		(rabbit)	: (FHSA) 3.3 on a scale of 1-10 ,slightly irritating.
Skin Irritation		(rabbit)	: (FGSA) 3.0 on a scale of 8.0, slightly irritating.

Patch testing of 50 human volunteers with Polyvinyl Butyral aqueous dispersion produced no positive reaction following the initial application, any of the 15 serial applications, or on subsequent challenge 2 weeks later.

This material is not considered a primary irritant, cumulative or sensitizing agent.

CONTACT POINT

BC COATINGS

+612 9729-2000

TECHNICAL DIRECTOR

Mr. David Decorte

The information contained herein is based on data available to BC Coatings from both our own technical sources and from recognised published references and is believed to be both accurate and reliable. Since we cannot anticipate or control the many different conditions under which this information and our products may be used, each user review these recommendations in the specific context of the intended application and confirm whether they are applicable.