

Adheseal

P.O. Box 3113
Stafford Qld 4053.

2/8 Harvton St
Stafford Qld 4053

Material Safety Data Sheet

Hazardous According to Criteria of Worksafe Australia

Emergency Telephone Numbers: 07 33560000

Identification

Product Name : Builders Nails.
U.N. Number : 1133
Correct Shipping Name : ADHESIVE CONTAINING FLAMMABLE liquid
(1) immiscible with water
Dangerous Goods Class : 3
& Subsidiary Risk : none allocated
Hazchem Code : 3 (Y) E
Poison Schedule : S5
E.P.G. : 3 A 1

Physical Description/Properties

Appearance : Buff Paste with Solvent Odour
Boiling Point : 78 - 101oC
Vapour Pressure @ 25°C : not known
Percent Volatiles (w/w) : not available
Specific Gravity : approx 1.10
Flash Point : < -20oC
Flammability Limits : upper exposure limit 7.0%
lower exposure limit 1.0%
Autoignition Temperature : not available
Vapour Density : not available
Evaporation Rate (BA=1) : not determined
Solubility in water : insoluble

Hazardous ingredients

Chemical Entity	CAS No	Proportion
Light aliphatic		
Hydrocarbon Solvents	64742-49-0	10 - 30%
n-hexane & hexane isomers	100-54-3	< 10%
Non hazardous materials		to 100%

HEALTH HAZARD Information

Health Effects

Considered to be harmful by inhalation.

Skin:

Contact with the skin will result in mild irritation and will have a degreasing action on the skin. Prolonged skin contact may result in dermatitis.

Eyes:

A moderate eye irritant.

Inhalation:

Vapour is irritant to mucous membranes and the respiratory tract. Inhalation of high concentrations can result in central Nervous system depression leading to loss of co-ordination, impaired judgment and if exposure is prolonged, unconsciousness. Acute massive intoxication may cause liver and/or kidney damage.

First Aid

Skin:

Immediately wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If swelling, redness, blistering or irritation occurs, seek medical advice.

Eyes:

Immediately irrigate with copious quantities of water for at least fifteen (15) minutes while holding the eye lids open. Remove clothing if contaminated and wash contaminated skin. Seek medical aid urgently, transport to hospital or medical centre.

Inhalation:

Remove victim from exposure - avoid becoming a casualty. If breathing has stopped and patient is cyanotic (blue), ensure airway is clear and have a qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration at once. In event of a cardiac arrest apply external cardiac massage. Seek medical advice.

First Aid

Give water to drink. Do not induce vomiting. Seek medical assistance. Poison information Centres in each State Capital City can provide additional assistance for Scheduled Poisons.

Advice to Doctor.

Treat symptomatically.

Precautions for Use**Exposure limits:**

None determined for this product by Worksafe Australia, however, for the following components the Exposure Standard (TWA) is:

N-HEXANE	=	50 PPM
ISOMERS of HEXANE	=	500PPM

The Exposure Standard (TWA) is a guideline for good practice and not a fine line between safe and dangerous concentrations.

All atmospheric contamination should be kept to as low a level as practicable.

Ventilation:

Use with local exhaust ventilation or while wearing organic vapour respirator. The vapour is heavier than air so prevent it building up in sumps or hollows. Do not enter confined spaces where the vapour may collect.

Avoid skin and eye contact. Wear safety glasses or chemical goggles, overalls and impervious gloves, eg. Polyvinyl alcohol or natural rubber.

Use with adequate ventilation, but if an inhalation risk exists use a respirator with an organic vapour canister or cartridge.

Always wash hands before smoking, drinking, eating or using the toilet.

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PRECAUTIONS FOR USE

Flammability:

Flammable liquid, which may form explosive mixtures with air, adequate ventilation to prevent, vapours building up to flammable concentrations. All potential ignition sources eg. open flames, producing switches and electrical equipment pilot tights etc. must be removed from in or near the work area. Smoking MUST NOT be allowed where this product is in use.

SAFE HANDLING INFORMATION

Storage and Transport:

UN NO.1133

PACKAGING GROUP 2

Classified as a 3 Flammable Liquid Dangerous Good for the purpose of storage and transport.

Store in a cool well ventilated area away from sources of heat and ignition. Store away from oxidising agents and foodstuffs. Keep container closed at all times and check regularly for leaks.

Spills:

Remove unprotected personnel from the area. Wear protective equipment to prevent all skin and eye contamination eg. overalls, gloves and chemical goggles or a full-face respirator. Wear a respirator with organic vapour canister. Prevent the spill from running into drains or waterways, then cover with inert absorbent material eg. sand, soil or vermiculite. Shovel into drums for disposal using a non-sparking shovel and label clearly, then wash down the area with excess water. If the spill has run into drains or waterways contact the Local Emergency Services.

SAFE HANDLING INFORMATION cont'd**Disposal**

Refer to State Waste Management Authority and advise flammable nature of the product. Show them this M.S.D.S. It is normally suitable for incineration by an Approved Agent.

Fire/Explosion Hazard

This product is a flammable liquid which will emit toxic fumes during combustion. Exposure to heat can lead to expansion or decomposition causing a violent rupture of the drums so remove any containers from the path of the fire if it is safe to do so. Keep the containers cool with a water spray. If there is a risk that fire fighters may be exposed to vapour or decomposition then self contained breathing apparatus should be worn.

Extinguishing media - foam, Carbon dioxide or dry chemical powder.

THE DATA IN THIS M.S.D.S. HAS BEEN COMPILED FROM OUR SUPPLIERS M.S.D.S.. THIS DATA RELATED ONLY TO THE DESIGNED PRODUCT IN COMBINATION WITH OTHER MATERIALS. BECAUSE CONDITIONS AND CIRCUMSTANCES OF USE OF THE PRODUCT ARE BEYOND OUR CONTROL AND ANY SUMMARY OF DATA SUCH IS REPRESENTED BY THIS MATERIAL SAFETY DATA SHEET IS INHERENTLY INCOMPLETE. ADHESEAL MAKES NO WARRANTY ABOUT THE ACCURACY OF DATA HEREIN AND ASSUME NO LIABILITY FOR THE USE OF SUCH DATA. RESPONSIBILITY FOR PROPER PRECAUTIONS AND SAFE USE OF THE PRODUCT LIES WITH THE USER. ANY TECHNICAL DATA HEREIN IS ONLY FOR THE PURPOSE OF REFERENCE & SHOULD NOT BE USED AS CHARACTERISTICS FOR THAT PRODUCT. REFER TO PRODUCT DATA SHEET FOR ANY SPECIFICATIONS.

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Prepared By: M.G. Johnson