ADHESIVE RESOURCES PTY LTD

MATERIAL SAFETY DATA SHEET

UNOBOND HONEY

ADHESIVE RESOURCES PTY LTD

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PRODUCT & TRANSPORT IDENTIFICATION

PRODUCT NAME: UNOBOND HONEY

OTHER NAMES: # Y-1435, 1 part moisture curing Urethane resin.

U.N. NUMBER: n/a
DANGEROUS GOODS CLASS: n/a
HAZCHEM CODING: n/a
PACKING GROUP: II
SUBSIDIARY RISK: n/a
POISONS SCHEDULE: n/a

USE

SPECIALTY ADHESIVE, for lamination of metals, building materials, some plastics.

PHYSICAL DESCRIPTION/PROPERTIES:

APPEARANCE: CLEAR AMBER POURABLE RESIN

BOILING POINT: not recorded VAPOUR PRESSURE: not recorded

SPECIFIC GRAVITY: 1.15

FLASH POINT: not recorded

FLAMMABLE LIMITS: not recorded

SOLUBILITY IN WATER: INSOLUBLE, reacts with water to polymerise

OTHER PROPERTIES: NOT APPLICABLE

HAZARDOUS INGREDIENTS

CHEMICAL NAME: CAS NUMBER: PROPORTION:

M.D.I. (Iso-cyanate) 9016-87-9 > 60 %

Dimethylethanolamine 108-01-0 < 1 %

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

ACUTE

SWALLOWED: Moderately toxic. Expected to be a severe gastrointestinal irritant.

EYES: Considered to be an eye irritant, may cause severe irritation

SKIN: Contact may result in irritation. Frequent or prolongued exposure could result in

contact dermatitis.

INHALED: Inhalation of mists, aerosols or vapours is expected to be irritating to the respiratory system.

May cause respiratory sensitisation. A vapour hazard can arise if heated above 40° C

CHRONIC: Possible skin and respiratory sensitisation on repeated or prolonged contact. Some

substances may cause a specific immune response in some people. If sensitisation has occurred, exposure in some individuals may manifest itself as a skin rash or inflammation or as an asthmatic condition, and in some individuals this reaction can be extremely severe.

FIRST AID:

EYES: Seek medical advice.

While waiting for medical advice flush eyes with copious quantities of sterile water for 15 to 20

minutes.

If no other water is available to irrigate the eyes then use clean running water from a drinking water

supply.

SKIN: Wash off immediately with plenty of water.

Remove contaminated clothing with rubber gloves, wash affected skin with water. Rinse skin with

copious amounts of water. Seek medical attention.

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SWALLOWED: Seek medical advice. If patient is conscious, rinse mouth with water. DO NOT inducing vomiting. Never give fluids to unconscious persons.

<u>INHALED:</u> Carefully remove persons to fresh air, avoid becoming affected yourself. Obtain medical

assistance, if patient is severely affected. If person stops breathing apply artificial respiration, and

other first aid techniques as required.

MEDICAL ADVICE: ADVISE DOCTOR TO TREAT SYMPTOMATICALLY Health effects may be delayed.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS:

OCCUPATIONAL EXPOSURE LIMIT (Isocyanates): TWA: 0.02 mg / m3

STEL: 0.07 mg / m3

ENGINEERING CONTROLS:

Use only in well ventilated areas. General, dilution or local exhaust ventilation should be employed to maintain the air concentration well below the relevant exposure standard. Atmosphere should be regularly checked to ensure safe working conditions are maintained. Ventilation equipment must be flame and explosion proof.

PERSONAL PROTECTION:

AVOID CONTACT WITH SKIN & EYES, AND, BREATHING SOLVENT VAPOURS

EYES: Industrial safety glasses should be worn to prevent splashing into eyes.

GLOVES: Should be worn to avoid skin contact, eg nitrile rubber or pvc gloves.

RESPIRATOR: If ventilation is insufficient, use an approved respirator that complies with Australian Standard

AS 1716.

ALWAYS WASH HANDS BEFORE EATING, DRINKING, SMOKING OR USING THE TOILET.

FLAMMABILITY:

Product is combustible and does represent a significant source of fuel for a fire. Excessively heated sealed containers may rupture

Dangerous Decomposition: Hydrogen cyanide, carbon dioxide, carbon monoxide and unidentified

thermal decomposition products.

Fire fighting: Use water, water fog, foam CO2 or Dry Chemical

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SAFE HANDLING INFORMATION

STORAGE

Store in a cool, well ventilated area. Store away from incompatible substances. Keep containers closed at all times. Inspect periodically for damage or leaks.

Do not store or use this product in any plastic container for any application or use.

SPILLS AND DISPOSAL:

Remove all sources of heat or ignition. Keep personnel away. Avoid breathing vapours. Spilled product should be absorbed onto suitable absorbent. For large spills, move people upwind from the area and cordon it off. Wear personal protective equipment as recommended. Absorb spillage in inert solids such as china clay or vermiculite, transfer to heavy duty polyethylene bags or containers. Dispose through specialist chemical waste disposal contractors. Any residue should be rinsed with copious amounts of water which shall not be drained into water courses or drains.

EMERGENCY CONTACT POINT

ADHESIVE RESOURCES PTY. LTD.

PHONE: 0414 994 092

AUSTRALIAN POISONS INFORMATION CENTRE (24 HOURS SERVICE) PHONE: 13-11-26

POLICE OR FIRE BRIGADE PHONE: 000

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