

NIGHTINGALE SUPPLY

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MATERIAL SAFETY DATA SHEET

NON-HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

IDENTIFICATION SECTION

Product Name	:	2P10 Adhesive
Other Names	:	
U.N. Number	:	N/A
Correct Shipping Name:		Not classified as hazardous for transportation
Dangerous Goods Class	:	
& Subsidiary Risk	:	
Hazchem Code	:	
Poison Schedule	:	not a marine pollutant
Packaging Group	:	
E.P.G.	:	
Use(s)	:	
Resistant	:	

PHYSICAL DESCRIPTION / PROPERTIES

Appearance	Virtually clear and colourless liquid
Odour	Characteristic pungent typical
Specific gravity at 20°C	1.08gm/ml
Melting point	>-10°C
Boiling Point	100°C
Flashpoint	>87°C
Explosive limits at 25°C (%vol in air)	Lower N/A Upper N/A
Autoignition temperature °C	N/A
Relative vapour density (air = 1)	3
Vapour pressure (mmHg at 20°)	0.2 - 0.5mm Hg
Viscosity @ 25 °C	1300 – 1700cP
Solubility in water	None – product is polymerised by water
Solubility	Soluble in acetone

INGREDIENTS

Component	CAS No.	Proportion
Ethyl cyanoacrylate	7085-85-0	<90
Polyalkylmethacrylate homopolymer	9011-14-7	<20
Fillers/ Stabilisers		<10

HEALTH HAZARD INFORMATION

ACUTE EFFECTS

Skin:

Irritating to skin. Can bond skin in seconds.

Eyes:

Irritating to eyes. Can bond eyes in seconds.

Inhalation:

Prolonged over-exposure to vapours may irritate respiratory system.

FIRST AID

Skin

Wash skin thoroughly with soap and water. Do not pull bonded skin apart. It may be gently peeled apart using a blunt object such as a spoon preferably after soaking in warm soapy water.

Eyes

Cyanoacrylates bond eyes in seconds. Irrigate thoroughly with water for 15 minutes. If the eyelid is bonded closed, release eyelashes with warm water by covering with wet pad. Do not force eye open. Cyanoacrylates will bond to eye protein causing lachrymatory effect which will help debond the adhesive. Keep eye covered with wet pad until debonding is complete usually within 1-3 days. Medical attention should be sought in case solid particles of cured cyanoacrylate is trapped behind the eye causing abrasive damage.

Inhalation

Remove subject to fresh air. Perform. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion

Ensure that breathing passages are not obstructed. The product will polymerise immediately in the mouth making it impossible to swallow. Saliva will slowly separate the solidified product from the mouth over several hours

Engineering Controls

Ensure good ventilation

Local exhaust ventilation may be required, especially in confined spaces, to confined spaces, to maintain vapour concentration below TLV.

If handling large quantities self contained breathing apparatus may be required.

Personal Protection

Skin protection

Wear chemically resistant gloves . If handling in large quantities, wear suitable protective clothing.

Eye protection

Wear safety glasses/ goggles especially where there is a risk of splashing.

Other information

A full face mask should be used when pouring large quantities.

If product is splashed on to clothing, remove and wash clothing

SAFE HANDLING INFORMATION

Storage

Ensure good ventilation –Local exhaust ventilation may be required.

Relative humidity should be >50% to minimize discomfort.

Store in cool dry ventilated place out of direct sunlight.

Store upright in original containers at 3-25°C and do not return used product to containers as impurities will reduce the self life of the product. Keep container tightly closed.

Spills

For large spills evacuate the area and ensure good ventilation. Use personal protection

Polymerise slowly by adding water and scrape up.

Do not use clothes for mopping up

Disposal

Dispose of solid residue according to national and local regulations.

Extinguishing Media

Dry powder, foam, carbon dioxide

Trace amounts of toxic fumes, CO, CO² and oxides of nitrogen may be released on incineration and the use of breathing apparatus is recommended.

The data in this Material Safety Data Sheet has been compiled from our Suppliers Material Safety Data Sheets. This data relates only to the designated product and not to the use of said 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 as is represented by this Material Safety Data Sheet is inherently incomplete, Nightingale Supply makes no warranty about the accuracy of the 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.