

# MATERIAL SAFETY DATA SHEET

## WORLDBOND CONSTRUCTION ADHESIVE

### 1. Product & Company Identification

#### 1.1 Product Detail

Product name: WORLDBOND Panel Adhesive  
Physical form: Paste  
Odour: Organic Solvent odour  
CAS No.: Mixture  
Flammability: Highly Flammable

#### 1.2 Company Details:

Manufacturer: Pin Trading Company Adhesive Manufacturer  
Address: No. 10 Admiralty Street, #01-76, Northlink Building, Singapore 757695  
Tel: + 65-6269 6542  
Fax: + 65-6753 3136

### 2. Composition/ Hazardous Components

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Approx WT%</u>
Synthetic Rubber		
Hexane	64742-49-0	10-30%
Resin		10-30%
Mineral fillers		30-60%
Additives		1-10%

### 3. Hazards Identification

Ingestion: Harmful.  
Skin contact: Uncured product contact will irritate lips, gums and tongue. Uncured product contact may irritate the skin.  
Inhalation: High vapour concentrations may cause irritation, headache and dizziness. Toxicity data indicates inhalation of 5000ppm/10 minutes of nhexane can produce central nervous system effects.  
Eye contact: Uncured product contact irritates eyes.

### 4. First-aid Measures

Take off all contaminated clothing immediately.  
In case of ingestion: Seek medical advice immediately.  
In case of skin contact: Wipe with paper towel and immediately clean with water and soap.  
In case of eyes contact: Immediately flush with water, seek medical advice if necessary.  
Advice to doctor: Treat symptomatically.

### 5. Fire Fighting Measures

Flammability: Highly flammable.  
Suitable extinguishing media: Foam, CO2, dry power.  
Unsuitable extinguishing media: Unknown  
Hazardous decomposition: Oxides of carbon, light flammable hydrocarbons, smoke and fumes.

# MATERIAL SAFETY DATA SHEET

## WORLDBOND CONSTRUCTION ADHESIVE

### 6. Accidental release measures

Methods for cleaning up: take up mechanically.

### 7. Handling and Storage

Handling:	Ensure good ventilation during processing. Wear safety shoes.
Protection against fire/ explosion:	General rules of fire prevention should be observed.
Storage:	Keep container tightly closed and dry.

### 8. Exposure control/ Personal protection

Ingredients with limited values to be controlled:	Hexane (n-hexane):TWA:50ppm (176mg/m <sup>3</sup> )
Local exhaust:	Recommended
General ventilation:	Recommended
Hand protection:	Suitable protective gloves.
Eye protection:	Safety/ protective glasses.

### 9. Physical and Chemical Properties

Form:	Paste
Specific gravity:	1.16
Colour:	Tan
Viscosity:	10,000 to 1,000,000 cps
Odour:	Solvent Odour
Volatile % (25°C):	25-40%
Solubility in water:	Non
Boiling point:	62-68°C (Hexane)
Flash Point:	-20°C
Ignition temperature:	Non Known

Note: the above information is not intended for use in preparing specification.

### 10. Stability and Reactivity

Chemical stability:	Stable
Incompatibility (material to be avoid):	Strong oxidizing agents, acids
Conditions to be avoid:	Sources of ignition.
Dangerous reactions:	Combustion.
Dangerous products of decomposition:	Oxides of carbon, light flammable hydrocarbons, smoke and fumes.

# MATERIAL SAFETY DATA SHEET

## WORLDBOND CONSTRUCTION ADHESIVE

### 11. Toxicological Information

Acute toxicity:	Harmful
Primary irritant effect, On the skin:	Irritant for skin and mucous membranes.
On the eye:	Irritant effect
Additional Toxicological information:	Danger of serious damage to health by prolonged exposure.

### 12. Ecological Information

Complete information not yet available.

### 13. Disposal Considerations

Shut off all possible sources of ignition. Clean-up personnel to wear appropriate personal protective equipment.  
Please consult with the operator of the waste disposal facility for any further information.  
With respect to local regulation, dispose of to suitable incineration plant.

### 14. Transport Information

Proper shipping name: adhesives/sealants containing flammable liquid.		
Risk phrases:	R11	Highly flammable.
	R20	Harmful by inhalation
	R21	Harmful in contact with skin
	R22	Harmful if swallowed
	R48	Danger of serious damage to health by prolonged exposure.
Safety phrases:	S9	Keep container in a well ventilated place.
	S16	Keep away from sources of ignition- No Smoking.
	S24/25	Avoid contact with skin and eyes.
	S29	Do not empty into drains
	S51	Use only in well ventilated areas.

### 15. Regulatory Information

Complete information not yet available.

### 16. Other Information

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use and determine whether they are appropriate.

\*\*\* End Of MSDS \*\*\*