



MATERIAL SAFETY DATA SHEET FOR: STURDIBOND

Replaces: July 2006    Date of issue: September 2007

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product Name: Sturdibond

Other Names: Construction adhesive, flooring adhesive, ADHESIVES containing flammable liquid  
Use: For bonding various flooring materials to floor joists. Apply directly, in bead form, using a caulking gun.

Company: H. B. Fuller  
Address: 16-22 Red Gum Drive, Dandenong South    VIC 3175  
Telephone: (03) 9797 6222  
Emergency Telephone No: 1800 033 111

**2. HAZARD IDENTIFICATION**

*Hazardous according to criteria of NOHSC*

Risk Phrases:  
R11            Highly flammable.

Safety Phrases:  
S2            Keep out of the reach of children.  
S16          Keep away from sources of ignition-No smoking  
S25          Avoid contact with eyes  
S29          Do not empty into drains  
S33          Take precautionary measures against static discharges

**3. COMPOSITION**

**Ingredients**

CHEMICAL ENTITY	CAS No	PROPORTION
Mineral fillers	Not applicable	<b>High</b>
<b>Petroleum Spirits</b>	64742-49-0	<b>Med</b>
Aromatic/aliphatic hydrocarbon resins	Not available	Med
Styrene –butadiene thermoplastic rubber	Not available	Med
Toluene	108-88-3	Low
Other ingredients determined not to be hazardous	Not applicable	Low
Low <10%	Med. 10-30%	High 30-60%
		V High >60%

**4. FIRST AID MEASURES**

Swallowed:



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If swallowed, rinse mouth thoroughly with water. Give plenty of water to drink. Do NOT induce vomiting. If vomiting occurs, ensure that victim's head is lower than hips to prevent vomitus entering lungs. See a doctor if any ill effects persist.

**Eyes:**

Hold eyelids open and irrigate immediately with copious amounts of water for 15 minutes. See a doctor.

**Skin:**

Wash affected areas with copious quantities of soap and water immediately. Remove contaminated clothing and wash before reuse.

**Inhaled:**

Remove from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Restore breathing if necessary. Allow patient to assume most comfortable position and keep warm. See a doctor.

**First Aid Facilities:**

Have eyewashes available where contact with eyes can occur. Provide safety showers.

**5. FIRE FIGHTING MEASURES**

FLASH POINT:	Not applicable
AUTOIGNITION TEMPERATURE:	Not established
LOWER EXPLOSIVE LIMIT (% in air):	Not established
UPPER EXPLOSIVE LIMIT (% in air):	Not established
EXTINGUISHING MEDIA:	Use water spray, foam, dry chemical or carbon dioxide.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	
SPECIAL FIRE FIGHTING INSTRUCTIONS:	Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.
HAZARDOUS COMBUSTION PRODUCTS:	Incomplete combustion can yield low molecular weight hydrocarbons, oxides of carbon, oxides of nitrogen, silicone dioxide, formaldehyde and other hazardous products of combustion.

**6. ACCIDENTAL RELEASE MEASURES**

SPECIAL PROTECTION:	Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.
CLEAN-UP:	Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds, or water systems. Shut off ignition sources; including electrical equipment and flames. Do not



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allow smoking in the area.

**7. HANDLING AND STORAGE**

Storage and Transport:

Keep containers securely sealed and protected against physical damage. Store in a well ventilated area, away from sources of heat and ignition. This product is a Class 3 Dangerous Good having the Proper Shipping name ADHESIVES containing flammable liquid. Transport as required by the ADG Code.

Hazardous Polymerisation:

Will not occur

Incompatibilities:

None established.

Spills and Disposal:

Contain - prevent contamination of waterways and drains. Immobilise using an absorbent and transfer to a suitable container for disposal. Use non-sparking tools. For disposal, consult responsible authority regarding statutory requirements.

Fire/Explosion Hazard:

This product is highly flammable. Fire fighters to wear self contained breathing apparatus if risk of exposure to vapours. Fire fighters to wear full protective equipment. Keep containers cool with water spray to avoid pressure build up and rupture of containers.

Hazardous Decomposition:

Incomplete combustion can yield low molecular weight hydrocarbons, carbon monoxide and other hazardous products of combustion.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure standards [NOHSC: 1008 (2004)]:

	<b>TWA</b>
n-Hexane	20 ppm
Naptha	1000 ppm
Toluene	50 ppm
Acetone	500 ppm
Kaolin	10mg/m <sup>3</sup>

Engineering Controls:

Local exhaust ventilation preferred. Provide ventilation to control exposure levels below airborne exposure limits.

Personal Protection:

Wear safety overalls, safety glasses and rubber gloves. If airborne exposure limits are likely to be exceeded, wear organic half face canister type respirators. Ensure that cartridges are correct for the potential air contamination and are in good working order (for selection guide see AS 1715). Always wash hands before smoking, eating, drinking or using the toilet.

Flammability:



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Highly flammable, do not smoke while using product. Ensure good ventilation. Do not use near heat sources, open flames or ignition sources. Solvent vapours are heavier than air and can accumulate in pits, basements or other low-lying areas creating a fire, explosion and asphyxiation hazard. Take steps to prevent static electricity build-up or discharge.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Thick greyish brown paste  
Melting Point: Not established  
Boiling Point: Not established  
Vapour Pressure: Not established  
Specific Gravity: approx. 1.1  
Flashpoint: Not established  
Flammability Limits: Not established  
Solubility in water: Not soluble  
VOC content (Californian South coast air quality management rule 1168 ): 342g per litre

**Vapour density: > 1**

**Other Properties**

None that are relevant

**10. STABILITY AND REACTIVITY**

STABILITY: Stable under normal conditions of temperature and humidity  
CHEMICAL INCOMPATIBILITY: Not established  
HAZARDOUS POLYMERIZATION: Will not occur  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and other harmful gases be emitted upon burning

**11. TOXICOLOGICAL INFORMATION**

Health Effects

*ACUTE:*

Swallowed:

An unlikely route of entry. Ingestion may result in vomiting and nausea.

Eye:

An eye irritant due to the presence of heptane.

Skin:

Contact with skin may result in mild irritation.

Inhaled:

Overexposure to vapours in poorly ventilated areas will cause irritation of the nose, throat and respiratory tract and may cause dizziness, headaches, nausea or unconsciousness. Inhalation of high concentrations can produce central nervous system depression which can lead to loss of co-ordination, impaired judgement and, if exposure is prolonged, unconsciousness and possibly death.

*CHRONIC:*

Prolonged or repeated skin contact may lead to dermatitis due to the defatting effect of heptane.



**H.B. Fuller Company**

**Fuller**  
WORLD LEADER IN ADHESIVES

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### 12. ECOLOGICAL INFORMATION

OVERVIEW: No ecological information available

### 13. DISPOSAL

Dispose strictly in accordance with local industrial waste disposal and environmental protection regulation.

### 14. TRANSPORT INFORMATION

UN Number: 1133  
Dangerous Goods Class: 3  
Subsidiary Risk: None allocated  
Hazchem Code: 3[Y]  
Poisons Schedule: Not scheduled  
Packaging Group: III

### 15. REGULATORY INFORMATION

All components of this material are registered with NICNAS and appear on the AICS.

### 16. OTHER INFORMATION

Contact point: Technical Manager (03) 9797 6222

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular, how to safely handle and use the product in the workplace. Since H.B. Fuller Australia Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for the products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.