

719 2848
719 2850

Issue date October 1995

HEALTH AND SAFETY DATA

1. Identification of Product and Supplier

Product Name: Armaflex 520 Adhesive
Supplier: Armstrong World Industries Limited
 Mars Street
 Oldham
 Lancs
 OL9 6LY

Telephone: 0161 624 8047

Facsimile: 0161 633 2685

2. Hazardous Ingredients

	CAS no.	Approx.	Exposure Limits	
			8hr TWA	10 min
Acetone	67-64-1	26	750 ppm	1500 ppm
Aliphatic Hydrocarbons BP 65°-90°C	64742-89-8	20		
Toluene	108-88-3	12	50 ppm	150 ppm
Methyl Ethyl Ketone	78-93-3	10	200 ppm	300 ppm
n-Hexane	110-54-3	9	20.0 ppm	
Isopropanol	67-63-0	3.0	400 ppm	500 ppm
				Sk

Sk indicates limit applies to skin absorption

3. Hazards Identification: Highly flammable vapour.

4. First Aid Measure

- Ingestion:** If swallowed, do NOT induce vomiting. If conscious give victim water to drink. Call a physician or poison control centre immediately.
- Inhalation:** Remove to fresh air. If not breathing, or breathing is difficult, give artificial respiration or give oxygen by trained personnel, and seek immediate medical attention.
- Eye Contact:** Flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
- Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists.

5. Fire Hazards and Fire Fighting Measures

- Flammable Liquid:** Can release vapour that forms explosive mixtures at temperatures at or above the flashpoint.
- Extinguishing Media:** Water spray or dry powder.



6. Spillage and accidental release measures:

- Initial action:** Consider evacuation of the area and use of Personal Protective Equipment for clean-up.
- Clean-up procedure:** Absorb spill with inert material (e.g. dry sand or earth), then place in a sealed container.
- Other action:** Avoid runoff into storm drains, sewers or watercourses. If this occurs, notify relevant authority, together with the Fire Service.
- Disposal:** Dried product may be disposed of as normal industrial waste, otherwise professional disposal is required.

7. Handling and Storage

- Storage conditions:** In accordance with the Highly Flammable Liquids and Liquefied Petroleum Gas Regulations 1972.
- Handling conditions:** Avoid all possible sources of ignition including sparks. Plant and vessels must be earthed, and electrical equipment flameproofed. See HSE Guidance Note no. CS17.
- Engineering Controls:** Use explosion-proof ventilation equipment.

8. Exposure controls/ personal protective equipment

Eye shield Nitrile gloves

If exposure limits are likely to be exceeded an organic vapour respirator is required. Exceptionally high concentrations may require the use of positive pressure breathing apparatus.

Wear a plastic apron and boots if handling large quantities.

9. Physical characteristics:

- Form:** Solvent based adhesive
- Initial boiling point:** 56°C **Flash point:** <21°C
- Auto ignition temperature:** 220 °C **Solids content (w/w):** 19%
- Volatile organic content:** 689 grams/litre

10. Stability and Reactivity

Avoid contact with: Can react violently with oxidising agents and strong acids.



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11. Toxicological Information:

- Inhalation: Narcotic in high concentrations.
- Eye contact: Can cause serious damage if splashed into the eyes.
- Skin contact: Frequent or prolonged contact may irritate the skin and cause dermatitis.

12. Long term hazards: Over exposure may cause nervous system damage.

13. Ecological Information: No data available.

14. Disposal Considerations:

Dried product may be disposed of as normal industrial waste, otherwise professional disposal is required.

15. Transport Information:

- UN number: 133
- I.M.O. Classification: 3.2
- A.D.R. Classification: 3.2
- Packing Group: 2
- Packing Group: 2

16. Regulatory Information:

Hazard Classification under CHIP: Xn: HARMFUL
F: HIGHLY FLAMMABLE

Mandatory risk phrases: R48/20: Harmful; danger of serious damage to health by prolonged exposure
R20: Harmful by inhalation.

This product falls within the scope of the Control of Substances Hazardous to Health (COSHH) Regulations Users are reminded that this document does not in itself constitute an assessment of workplace risk as required by those regulations.

17. Other Information:

Information on Armstrong Health and Safety Data Sheets is drawn from a variety of sources, including raw materials suppliers data, and other published sources. Occupational Exposure Limits are taken from HSE Guidance Note no. EH40/94

Data prepared by P W Watson.