



MATERIAL SAFETY DATA SHEET

SUPERSOLUTION

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name: Super Solution Fast-Dry Vulcanising Cement
Application: Rubber Adhesive
Supplier: Pang (UK) Ltd
Address: Studlands Park Avenue.
Newmarket
Contact Number: 01638 663575

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical description Light amber liquid

HAZARDOUS COMPONENTS

Name:	CAS No.	% (by wgt.)
Chemical description	Black liquid with a high viscosity	

HAZARDOUS COMPONENTS

Name:	CAS No.	% (by wgt.)
Toluene	108-88-3	naturally present
N-Hexane	110-54-3	naturally present
Mixed Isomeric Heptanes	142-82-5	naturally present
N-Enthycyclohexylamine	5459-93-8	<1
Solvent Naptha, light aliphatic	64742-89-8	>93 variable
Benzine	71-43-2	naturally present

3. HAZARDS IDENTIFICATION

Health hazards: May cause eye and mild skin irritation. Harmful by inhalation or ingestion.
Safety hazards: Flammable. Do not use near open flame. Vapours are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights etc.

4. FIRST AID MEASURES

Eyes: If symptoms (which include stinging, tears, redness and swelling) develop, move individual away from exposure and into fresh air. Flush eyes with water for at least 15 minutes while holding the eyelids apart. If symptoms persist, seek medical advice.

Skin: Symptoms include redness, burning, drying, cracking and burns. Remove contaminated clothing. Wash exposed area skin thoroughly with soap and water. Launder contaminated clothes before re-use. If symptoms persist, seek medical advice.

Ingestion: If swallowed, DO NOT induce vomiting. This material is an aspiration hazard. If person is drowsy or unconscious, place on left side with head down. Obtain immediate medical attention.

Inhalation: If symptoms (irritation to nose, throat and respiratory system, metallic taste and muscle weakness) develop, immediately move individual away from exposure and into fresh air. Seek medical attention. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen. Keep person warm and quiet.

Other: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person..

5. FIRE FIGHTING MEASURES

Extinguishing media: Extremely flammable. Use foam, carbon dioxide or dry chemical to extinguish flames.

Fire and Explosion Hazards: Vapours are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking or other ignition sources distant from the material handling point.

Protective Measures: Wear self-contained breathing apparatus with a full face-piece operated in the positive

pressure demand mode when fighting fires.

6. **ACCIDENTAL RELEASE MEASURES (SPILLAGE)**

Leak / Spill: Eliminate all sources of ignition (flames, pilot lights, electrical sparks) and absorb material on any suitable absorbent material. Persons not wearing appropriate protective equipment should be excluded from the area of spill until cleanup has been completed. Stop spill at source. Prevent from entering drains, sewers, streams, or other bodies of water. Prevent from spreading. Pick up material and transfer into a clean container for disposal.

7. **HANDLING AND STORAGE (IN NORMAL USE)**

General: Do not taste or swallow. Avoid contact with eyes, skin and clothing. Avoid prolonged contact. Wash thoroughly after handling.

Handling Avoid contact with skin while mixing or applying this adhesive. Keep container tightly closed when not in use.
Avoid breathing vapours from the headspace of containers. Use only in a well ventilated areas. Empty container and residue may be hazardous after emptied. Since empty containers retain product residues (vapours, liquid, and/or solids), all hazard precautions given in this data sheet must be observed.

Storage: Keep away from ignition sources. Store away from strong acids or oxidisers.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION (NORMAL USE)**

Engineering Measures: Provide sufficient mechanical (general or local exhaust) ventilation to maintain exposure below OEL(s). Explosion-proof ventilation system is acceptable.

Personal Protective Equipment

Respiratory protection: If workplace exposure limit(s) of product or any component is exceeded or exposure to hazardous substances identified above cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable respiratory protective equipment should be worn.

Skin protection: Wear resistant gloves such as polyvinyl, alcohol nitrite.

Eye protection: Eye protection designed to protect against liquid splashes should be worn.

Other protection: To prevent repeated or prolonged skin contact, wear impervious clothing and boots. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner

Other hygienic and work practices Use good personal hygiene work practice. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash before re-use.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance Light amber, high viscosity liquid

Odour Strong solvent

Flash Point -6.7 °C, 20° F

Explosive Limits

Lower Limit 1.1%

Upper Limit 7.5%

Vapour Density 3.30

Relative Density (SG) 0.75 @ 15.5°C, 60°F

Solubility in water Not available

pH Not available

10. **STABILITY AND REACTIVITY**

Stability: Stable under the recommended storage and handling conditions (see section 7).

Materials to avoid: Keep away from strong oxidising agents and strong acids

Hazardous decomposition products: Carbon monoxide, carbon dioxide and various hydrocarbons.

11. **TOXICOLOGICAL INFORMATION**

Product toxicity has not been determined . The following is based on testing completed with ingredients

CAS 64742-89-8	LD50 Dermal Rat	>2840 mg/kg
CAS 5459-93-8	LD50 Oral Rat	377 mg/kg
	LD50 Dermal Rabbit	750 mg/kg

12. **ECOLOGICAL INFORMATION**

No data at this time


13. DISPOSAL CONSIDERATIONS

Disposal: Do not allow to enter drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using the information provided in this safety data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply. Incineration is the preferred method.

14. TRANSPORT INFORMATION

Transport Classification: Flammable Liquid
Substance ID Number: UN 1133
Proper Shipping Name: Adhesive
ICAO/IATA/IMDG Class: 3
Subsidiary Risk: -
Packing Group: II
Transport Hazard Symbol: Black flame on red
Hazard Identity Number: 3
Emergency Action Code: -
Other: Ensure that persons transporting the product know what to do in the event of accident or spillage.

15. REGULATORY INFORMATION (SUPPLY AND LABELLING)

Supply Classification: Highly flammable.
Hazard Pictogram: 
Risk Phrases: R11 Highly flammable
Safety Phrases: S16 Keep away from sources of ignition - No smoking.
S25 Avoid contact with eyes
S33 Take precautionary measures against static discharges.
S51 Use only in well-ventilated areas.

16. OTHER INFORMATION

The information contained in this safety data sheet was received from our suppliers and other sources and is believed to be correct. This information is provided in accordance with the requirements of the Chemicals (Hazards Information and Packaging) Regulations. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions.
It is the responsibility of the user to comply with all laws regulations.

SDS history: MHDS: 6083
Revised: July 2005
SDS distribution: This document contains important information to ensure the safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety matters.

Disclaimer: The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance of suitability for particular applications. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.
