

MATERIAL BAFETY DATA SHEET

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Division: Floor Products

Issued By: D. E. Bouder

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N/A = Not Applicable or Not Available N/K = None Known or Not Known

NFPA 704: Health - 2; flammability - 3; Reactivity - 0 (ratings use five divisions from 0 to 4: 0 = no special hazard; 4 = severe hazard)

I. Product Information

A. Product Name (S-90 Tile Adhesive

B. Chemical Name and Synonyms: N/A

C. Chemical or Product Family: Solvent-dispersed Adhesive

## II. Ingredient Information

Α.	Ingredient	Approximate Percent	C.A.S. No.	PEL/TLV
	VM&P Naphtha	ē7	8032-32-4	OSHA 500 ppm
-	Petroleum Brade Aspha	lt 72	B <b>Q</b> 52-42-4	ACGIH Smy/m3 as a fume
	Polyclefin Fiber	1	N/4	h. / 5

P. Precautionary Label Statement(s): WARNING -- | LAMMADLE MIXTURE, DO NOT USE NEAR FIRE OR FLAME. Contains petroleum naphtha. Prevent buildup of vapors -- use with adequate ventilation -- open all doors and windows -- keep air circulating. Keep away from heat, spanks, and open flame. Prohibit smoking -- extinguish all flames and pilot lights -- turn off stoves, heaters, electric motors, and other sources of ignition until all vapors are gone. Keep container closed. If swallowed, do not induce vomiting - call a physician immediately. Avoid prolonged breathing of vapors and prolonged contact with skin. Keep out of reach of children. Use only for installing Armstrong remilient tile.

## III. Physical Data

A. Appearance and Color: Black asphalt mastic with hydrocarbon solvert odor

Boiling Point (degrees F): 212-320

Vapor Pressure (mm Hg 20 degrees C); 10.45

Vapor Density (Air # 1): 3.0

E. Solubility in Water: negligible F. Specific Gravity (((20 + 1): 0.92

G. Percent Volatile by Weight (30 mir. t 275 degrees F): 27 H. Evaporation Rate

(Buty) Acetate = 1): N/K I. phi N/A

N/A

IV. Fire and Explosion Data

A. Flash Point: 48 degrees F

Flammable Limits: LEL = 1.0; UEL = 7.0

Extinguishing Media: Carbon dioxide, dry chemical, Halon

Special Fire Fighting Procedures: Protect fire fighters from toxic products of combustion by wearing self contained breathing

Unusual Fire and Explosion Hazards: Closed containers in a fire may rupture due to pressure build-up; use water to conl containers to prevent this.

### V. Health Data

- A. Exposure Limits: See Section II
- 9. Effects of Overexposure:
- i. Inhalation: Irritation of respiratory tract, roughing, headache, distincts, drowsiness, nausta, uncoordinated
- 2. Skin and Eyes: Excessive skin contact may cause drying and bracking of the skin, and result in dermatitis. Contact with eyes will cause irritation and defatting of tissue.
- C. First Rid Procedures:
  - Inhalation: Remove to fresh air if exposed to excess concentrations of vapor. Seek medical attention if symptoms persist.
  - Skin and Eyes: Flush any skin or eye contact with plenty of water. Additionally with skin contact, wash with soap and water. Refer to physician if irritation or symptoms persist.
  - Ingestion: Do not induce vomiting. Call Poison Control Center. Get immediate medical attention.

# VI. Reactivity Data

- A. Stability: Stable
- B. Incompatibility: Strong oxidizing agents
- C. Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and other toxic vapors and gases that are common to thermal degradation of organic compounds.
- D. Hazardous Polymerizations Will not occur.

### VII. Spill or Leak Procedures

- A. Steps to be taken if material is released or spilled: Remove all sources of ignition. Ventilate area of spill or leak; if using mechanical ventilation, make sure that it is explosion-proof or does not present an ignition source. For exposures above TLV, wear approved respiratory equipment. Use absorbent to assist with the pick-up of material.
- B. Waste Disposal Method: Incineration or other method approved for ignitible wastes in accordance with fodoral, state, and local regulations.

## VIII. Special Protection Information

- A. Ventilation: Use natural cross-ventilation, lucal (mechanical) pick-up, and/or general area (mechanical) ventilation to prevent an accumulation of solvent vapors, keeping in mind that the ventilation pattern must remove the heavier-than-air solvent vapors from the lower levels of the work spaces. The ventilation should be sufficient to keep the solvent vapor concentration below the TLV.
- B. Respiratory Protection: With adequate ventilation, respiratory equipment should not be needed. If adequate ventilation is not afforded, wear respiratory equipment approved for organic vapors.
- C. Skin and Eye Protection: During the manufacture and packaging of this product, impervious gloves, eye protection, and eye wash facilities may be appropriate. During normal end-product use, cotton or loop-pile gloves and spectacle-type safety glasses are recommended to prevent contact with this mastic product.

### IX. Special Precautions

- A. Precautions to be taken in handling and storage: Store in area suitable for flammable mixtures. Recommended storage temperature is below 90 degrees F.
- B. Other Precautions: Vapors are flammable and are heavier-than-air, Prohibit smoking and eliminate all other sources of ignition, such as regular electrical tools and appliances, making sure that pilots on gas-fired water heaters are extinguished.

The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

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