

MATERIAL SAFETY DATA SHEET

1/1/99

Henry Company
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HMIS
HEALTH: 2
FLAMMABILITY: 2
REACTIVITY: 0
PERS. PROT. EQUIP: A

NFPA 704

I - PRODUCT IDENTIFICATION

NUMBER: 208 NAME: Wet Patch Plastic Roof Cement CLASS: Asphalt Cutback - Heavy Paste

II - HAZARDOUS INGREDIENTS

INGREDIENT/CAS NUMBERS	Occupational Exposure Limits		Vapor Pressure
	Percent	TLV PEL	
PETROLEUM DISTILLATE CAS # 64742-88-7	20 - 25%	100 PPM	<5 MMHg @ 100 Deg. F
Chrysotile (White) Asbestos CAS # 12001-29-5	10 - 12 %	Not Applicable *88	

* Product contains 2-3% LIGHT AROMATIC (CAS # 64742-95-6, PEL & TLV=100 PPM), and 4-5% TRIMETHYLBENZENE (CAS # 25551-13-7, PEL & TLV=25 PPM)

*** Asbestos fibers, a reported carcinogen in the respiratory tract, are completely encapsulated by asphalt so no dusting occurs.

III - PHYSICAL DATA

BOILING RANGE: 310-400 Deg. F.
VAPOR DENSITY: Heavier than air.
EVAPORATION RATE: Slower than ether.
WEIGHT PER GALLON: Approx. 9.5 Lb.
% VOLATILE VOLUME: 35 - 40%.
% WATER VOLUME: 0%.
MAXIMUM V.O.C.: 300 grams/liter

IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: - OSHA: II
DOT: Combustible.
FLASH POINT: 110 Deg. F
LEL: 1%
EXTINGUISHING MEDIA: Foam, CO₂, Dry Chemical.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None.
SPECIAL FIRE FIGHTING PROCEDURES: None.

V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Headache, nausea, giddiness, and unconsciousness, irritation of nose, throat and eyes. Extreme exposure may cause death by paralysis of respiratory center.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Current anemia, respiratory or liver ailment.

PRIMARY ROUTE(S) OF ENTRY: Inhalation

EMERGENCY AND FIRST AID PROCEDURES: Move person to fresh air. Apply artificial respiration if needed. Remove contaminated clothing. Wash eyes with water 15 minutes. If swallowed, DO NOT INDUCE VOMITING. CALL PHYSICIAN !!

COMMENTS: The IARC Monographs (Vol. 35) reporting on mice painting studies states that there is sufficient evidence for the carcinogenicity in experimental animals of extracts of some asphalts. The same document states that there is inadequate evidence that asphalts alone are carcinogenic to humans.

VI - REACTIVITY DATA

STABILITY:

Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Smoke and oxides of carbon.

CONDITIONS TO AVOID: Heat and sources of ignition.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizing agents.

VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS

RELEASED OR SPILLED: Extinguish all sources of ignition in the area. Clean up spills as soon as possible with absorptive material such as clay, diatomaceous earth or other non-flammable absorbents. **WASTE DISPOSAL METHOD:** Dispose of as solid waste per local regulations.

VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: If TLV is exceeded, use organic respirator or supplied air system, avoiding sources of ignition

VENTILATION: Sufficient to keep vapors below TLV.

PROTECTIVE GLOVES: Neoprene gloves to avoid repeated contact.

EYE PROTECTION: None normally needed.

OTHER PROTECTIVE EQUIPMENT: None.

HYGIENIC PRACTICES: Wash skin with soap and water or waterless cleaner. Do not use solvents.

IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND

STORING: Store away from sources of ignition. Avoid heat.

OTHER PRECAUTIONS: None.

X - TRANSPORTATION DATA

D.O.T.: Regulated

SHIPPING NAME: Combustible Liquid, n.o.s., (contains mineral spirits)

HAZARD CLASS: Combustible Liquid

LABEL REQUIRED: None.

I.D. NA1993 **Packing Group:** III **ERG #:** 128