

HEALTH: 1
 FLAMMABILITY: 2
 REACTIVITY: 1

MATERIAL SAFETY DATA SHEET

NPCA

FOR COATINGS, RESINS AND RELATED MATERIALS
 (Approved by US Department of Labor Essentially Similar to Form OSHA 20)

Date Issued 11/30/05

SECTION I

MANUFACTURERS NAME

GARDNER ASPHALT CORPORATION.

STREET ADDRESS

4161 E 7TH AVENUE

CITY, STATE, AND ZIP CODE

TAMPA, FL 33605

EMERGENCY TELEPHONE NUMBER

1-800-424-9300

PRODUCT CLASS

(WET/DRY) AKA PLASTIC RF CEMENT

MANUFACTURER'S CODE

IDENTIFICATION

2172, 2173

TRADE NAME

ROOF TITE

SECTION II- HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	TLV PPM	TLV Mg/M3	LEL	VAPOR PRESSURE
PETROLEUM ASPHALT CAS # - 8052-42-4	<50%		0.5 Fume		
STODDARD SOLVENT CAS #- 8052-41-3	<25%	100			
CELLULOSE FIBER CAS #- 9004-34-6	<5%		10*		
INORGANIC FILLER CAS #- 1317-65-3	<30%		10*		

ADDITIONAL INFORMATION- * AS RESPIRABLE FRACTION OF DUST

Hazardous Materials Identification System (HMIS)

Health
1

Flammability
2

Reactivity
1

Personal Protection
C

SECTION III - PHYSICAL DATA

BOILING RANGE: 300 °F - 390°F

VAPOR DENSITY HEAVIER

LIGHTER, THAN AIR

EVAPORATION RATE FASTER

SLOWER, THAN
ETHER

PERCENT VOTILE BY
VOLUME 50 %

WEIGHT PER GALLON
BY VOLUME 8.7 LBS

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY - NA

FLASH POINT- 105°F Minimum

EXTINGUISHING MEDIA- CO2, FOAM, & DRY CHEMICAL . DO NOT USE HALOGENATED EXTINGUISHING AGENTS.

UNUSUAL FIRE AND EXPLOSION HAZARDS- CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. PRODUCTS OF COMBUSTION MAY BE TOXIC.

SPECIAL FIRE FIGHTING PROCEDURES- WEAR MSHA/NIOSH APPROVED POSITIVE BREATHING APPARATUS IS RECOMMENDED FOR FIREFIGHTERS. WATER MAY BE USED TO COOL CLOSED CONTAINERS, BUT MAY CAUSE FROTHING, APPLY CAUTIOUSLY. HIGH PRESSURE STREAM WILL SPREAD FIRE. DO NOT USE HALOGENATED EXTINGUISHING AGENTS!.

SECTION V – REACTIVITY DATA

STABILITY: UNSTABLE STABLE CONDITIONS TO AVOID: SPARK, FLAMES, ELECTRICAL AND STATIC DISCHARGE.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS, ACIDS, AND HALOGENATED CHEMICALS

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, NOX, SOX, H2S AND REACTIVE HYDROCARBONS

HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR

CONDITIONS TO AVOID: NONE

SECTION VI-HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE- ACUTE: SKIN: PROLONGED REPEATED CONTACT MAY CAUSE IRRITATION. EYES: CONTACT MAY CAUSE IRRITATION, BLURRED VISION, REDNESS. INHALATION: EXCESSIVE BREATHING OF HIGH VAPOR CONCENTRATION CAN CAUSE POSSIBLE UNCONSCIOUSNESS AND EVEN ASPHYXIATION. INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. CARCINOGENICITY: MATERIAL CONTAINS PETROLEUM ASPHALT. IARC HAS DETERMINED THAT THERE IS AN ADEQUATE EVIDENCE THAT ASPHALT ALONE IS CARCINOGENIC TO HUMANS, IN SOLUTION; SOLVENT EXTRACTS CAN PRODUCE SKIN CANCER IN ANIMALS FOLLOWING PROLONGED AND REPEATED CONTACT. IARC HAS CONCLUDED THAT THERE IS SUFFICIENT EVIDENCE OF THE CARCINOGENICITY OF ASPHALT EXTRACTS. THEREFORE, CUTBACKS LIKE THIS PRODUCT MAY ALSO BE IMPLICATED AS POTENTIALLY CARCINOGENIC. PLEASE FOLLOW MSDS PRECAUTIONARY MEASURES. SYNERGISTIC MATERIALS: N/A. REPRODUCTIVE EFFECTS: ND. TERATOGENIC: NO. MUTAGENIC: NO.

CALIF. PROP. 65 • CHEMICAL WARNING (CALIFORNIA HEALTH AND SAFETY CODE #25249.5 ET SEQ).

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. Read and follow label directions and information given on Material Safety Data Sheets and use care when handling or using all petroleum products.

EMERGENCY FIRST AID PROCEDURE- SKIN: WASH EXPOSED AREAS WITH SOAP AND WATER. EYES: FLUSH EYES WITH COPIOUS AMOUNTS OF WATER, IF SYMPTOMS PERSIST, CONSULT A PHYSICIAN. INHALATION: REMOVE PERSON TO FRESH AIR. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION. SEEK MEDICAL ATTENTION IMMEDIATELY. INGESTION: DO NOT INDUCE VOMITING.

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SOAK UP SPILL WITH SAND OR OTHER ABSORBENT. REMOVE SOURCES OF IGNITION. PLACE IN CONTAINERS. WASH AREA.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH LOCAL, STATE OR FEDERAL REGULATIONS.

SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NOT NORMALLY REQUIRED IN WELL-VENTILATED AREA. IF TLV IS EXCEEDED, A NIOSH/MSHA APPROVED BREATHING APPARATUS IS RECOMMENDED.

VENTILATION: USE WITH ADEQUATE VENTILATION. MAINTAIN EXPOSURE BELOW TLV LEVEL.

PROTECTIVE GLOVES: RUBBER GLOVES SHOULD BE USED, AS WELL AS LONG SLEEVES.

EYE PROTECTION: FACE SHIELD AND SAFETY GOGGLES SHOULD BE USED.

OTHER PROTECTIVE EQUIPMENT: SOLVENT RESISTANT APRON AND BOOTS

SECTION IX – REGULATORY INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN COOL DRY AREA.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN AND AWAY FROM SOURCES OF IGNITION. AVOID CONTACT WITH SKIN OR CLOTHING. KEEP CONTAINER CLOSED. WASH THOROUGHLY AFTER USING.