

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 11/25/05

SECTION I

MANUFACTURER'S 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

NEOPRENE SEALANT CEMENT

MANUFACTURER'S CODE

IDENTIFICATION

1010, 1011, 1012

TRADE NAME

GARDNER, BLACKJACK

SECTION II- HAZARDOUS INGREDIENTS

| INGREDIENT | PERCENT | TLV PPM | TLV Mg/M3 | LEL | VAPOR PRESSURE |
|--|---------|------------|--------------|-----|-------------------|
| XYLOL CAS # - 1330-20-7 | <30% | 100 | | | |
| MICA CAS # - 12001-26-2 | <18% | | 10* | | |
| ETHYLBENZENE CAS # - 100-41-4 | <3% | 100 | | | |
| CARBON BLACK CAS # - | <8% | | 3.5 | | |
| CHLORINATED PARAFFIN CAS # - 63449-39-8 | <1% | | | | |

ADDITIONAL INFORMATION- AS RESPIRABLE FRACTION OF DUST.

Hazardous Materials Identification System (HMIS)

Health

2

Flammability

3

Reactivity

0

Personal Protection

G

SECTION III - PHYSICAL DATA

BOILING RANGE: 275 °F - 285°F

VAPOR DENSITY HEAVIER LIGHTER, THAN AIREVAPORATION RATE FASTER SLOWER, THAN
ETHERPERCENT VOTILE BY
VOLUME 35-45 %WEIGHT PER GALLON
BY VOLUME LBS

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY - ***

FLASH POINT- 80°F Minimum

EXTINGUISHING MEDIA- CO2, FOAM, & DRY CHEMICAL

UNUSUAL FIRE AND EXPLOSION HAZARDS- VAPORS MAY TRAVEL AT GROUND LEVEL TO SOURCES OF IGNITION
DISTANT FROM POINT OF APPLICATION.SPECIAL FIRE FIGHTING PROCEDURES- WEAR SELF CONTAINED BREATHING APPARATUS. WATER MAY BE USED
TO COOL CLOSED CONTAINERS. HIGH PRESSURE STREAM WILL SPREAD FIRE.

SECTION V – REACTIVITY DATA

STABILITY: UNSTABLE STABLE CONDITIONS TO AVOID: SOURCES OF IGNITION

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN OXIDE

HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR

CONDITIONS TO AVOID: NONE

SECTION VI-HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE-CHRONIC: OVEREXPOSURE TO XYLENE HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS: CARDIAC ABNORMALITY, LIVER AND KIDNEY DAMAGE. -ACUTE: SKIN: PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION. -EYES: MAY CAUSE SLIGHT IRRITATION. -INHALATION: EXCESSIVE BREATHING OF HIGH VAPOR CONCENTRATION MAY CAUSE HEADACHE, DIZZINESS AND NAUSEA.-INGESTION: MAY CAUSE NAUSEA, VOMITING, HEADACHE AND DIZZINESS.

EMERGENCY FIRST AID PROCEDURE-INHALATION: REMOVE TO FRESH AIR. -SKIN: WASH EXPOSED AREAS WITH SOAP AND WATER. -EYES: FLUSH EYES WITH LARGE AMOUNTS OF WATER. -INGESTION: DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN IMMEDIATELY.

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. PLACE IN CONTAINERS. WASH AND VENTILATE 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.

PROTECTIVE GLOVES: RUBBER SHOULD BE USED.

EYE PROTECTION: SAFETY GLASSES 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 PLACE

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