

MATERIAL SAFETY DATA SHEET

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

Date Issued 02/18/97

SECTION I

MANUFACTURERS NAME GARDNER-GIBSON CORPORATION	CITY, STATE, AND ZIP CODE TAMPA, FL 33605
STREET ADDRESS 4161 E 7TH AVENUE	
EMERGENCY TELEPHONE NUMBER 1-800-424-9300	MANUFACTURES CODE IDENTIFICATION 6220
PRODUCT CLASS ROOF CEMENT MASTIC A/F	
TRADE NAME BLACK JACK	

SECTION II- HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	TLV PPM	TLV Mg/M3	LEL	VAPOR PRESSURE
PETROLEUM ASPHALT CAS # - 8052-42-4	<50%		5.0		
STODDARD SOLVENT CAS # - 8052-41-3	<25%	100			
CELLULOSE FIBER CAS # - 9004-34-6	<5%		10*		
INORGANIC FILLER CAS # - 1317-65-3	<30%		10*		
CAS # -					

ADDITIONAL INFORMATION- * AS RESPIRABLE FRACTION OF DUST

Hazardous Materials Identification System (HMIS)

Health 1	Flammability 2	Reactivity 1	Personal Protection G
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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 22 % 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.

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 OXIGEN. 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.

REPORTABLE QUANTITY (MIN. UNDER ANY ACT): 14,000 LBS OR SHEEN PRODUCED IF RELEASES TO NAVIGABLE WATER.

RCRA HAZARDOUS WASTE NO: (FED) D001, D018 SHIPPING NAME: COMBUSTIBLE LIQUID, NOS (MINERAL SPIRITS,NAPHTHA)- NOT APPLICABLE WHEN SHIPPED IN ACCORD TO 49 CFR 172.150 (F) (2) NORTH AMERICAN EMERGENCY RESPONSE GUIDE NUMBER: 127

DOT CLASSIFICATION: COMBUSTIBLE LIQUID NOS, 3 UN1993, PG III, IDENTIFICATION NO: NMFC ITEM NO. 170080 NMFC CLASS 55, VOLATILE ORGANIC COMPOUNDS (VOC): 450 G/L MAX.

IMDG CLASSIFICATION: PAINT, 3.3 (FP 40.5 C), UN1263, PG III, EMS NO. 3-05, MFAG TABLE NO. 310, 313, IMDG CODE PAGE: 3372.