

ABBREVIATIONS:

NA=NOT APPLICABLE
ND=NOT DETERMINED
NE=NOT ESTABLISHED

HEALTH= 2
FLAMMABILITY= 2
REACTIVITY= 0
PERSONAL PROTECTION= +
+ SEE SECTION VII

WHMIS CLASSIFICATION: B3, D2

SECTION I PRODUCT IDENTIFICATION AND USE

MATERIAL NAME/IDENTIFIER: 2172 - ROOF CEMENT IN CARTRIDGES

MANUFACTURER/SUPPLIER: GH INTERNATIONAL

2540 RENA ROAD

MISSISSAUGA, ONTARIO L4T3C9

PHONE: 1-905-677-5522

EMERGENCY: 1-613-996-6666 CANUTEC(24 hr. emergency information only)

CHEMICAL FAMILY: Mixture

CHEMICAL FORMULA/MOLECULAR WT: NA

TRADE NAME AND SYNONYMS: Black Jack Roof Cement

MATERIAL USE: Roof Cement

P.I.N. UN 1999

TDG: Class 3 PG III

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME	OSHA-PEL	ACGIH-TLV	LD50/LC50	% WT/WT
Mineral Spirits	500 ppm 2900 mg/m3	100 ppm 525 mg/m3	ND -	10-30
CAS #8052-41-3				
CARCINOGEN: NO				

SECTION III PHYSICAL DATA

APPEARANCE, PHYSICAL STATE AND ODOR: Black coarse paste, solvent odour.
ODOR THRESHOLD (PPM): ND
SPECIFIC GRAVITY/DENSITY (G/ML): 1.11-1.21
VAPOR PRESSURE (MM): 2 mm @ 25°C
VAPOR DENSITY (AIR=1): >1
EVAPORATION RATE (BUAC=1): <1
BOILING POINT: 310 Deg. F./154 Deg. C.
MELTING/FREEZING POINT: NA
PH: NA
COEFFICIENT OF WATER/OIL DISTRIBUTION: ND
SOLUBILITY IN WATER: Nil
% VOLATILE BY VOLUME: 20-30

SECTION IV FIRE OR EXPLOSION DATA

FLASH POINT: 40 Deg. C. Min. TCC
AUTO IGNITION TEMPERATURE: 254 Deg. C.
SENSITIVITY TO MECHANICAL IMPACT: ND
EXPLOSIVE POWER: ND

UPPER EXPLOSION LIMIT: 7.0% by vol.
LOWER EXPLOSION LIMIT: .8% by vol.
RATE OF BURNING: ND
SENSITIVITY TO STATIC DISCHARGE: ND
EXTINGUISHING MEDIA: Foam, carbon dioxide, and dry chemical

SPECIAL FIRE FIGHTING PROCEDURES:

Do not direct a solid stream of water into hot asphalt. Water may cause frothing, apply cautiously.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

NA

FLAMMABILITY: YES

UNDER WHAT CONDITIONS: B3

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SECTION V REACTIVITY DATA

STABILITY - MATERIAL IS: Stable

CONDITIONS TO AVOID:

Heat, sparks, flames

HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS:

Carbon dioxide, carbon monoxide

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidising agents

HAZARDOUS POLYMERIZATION:

Will not occur

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SECTION VI TOXICOLOGICAL PROPERTIES

PRIMARY ROUTES OF ENTRY:

Inhalation - Skin - Ingestion

EFFECTS OF OVEREXPOSURE, CHRONIC:

Prolonged/repeated skin contact may cause dermatitis.

EFFECTS OF OVEREXPOSURE, ACUTE:

Skin: Prolonged/repeated contact may cause irritation. Eyes: May cause slight irritation. Inhalation: Excessive breathing of high vapour concentration may cause headache, dizziness, and nausea. Ingestion: Nausea, vomiting, headache and dizziness.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Pre-existing skin disorders

CARCINOGENICITY: NO

LD50 OF PRODUCT: ND

LC50 OF PRODUCT: ND

IRRITANT: In some cases

SENSITIZER: NO

SYNERGISTIC MATERIALS: NA

REPRODUCTIVE EFFECTS: NO

TERATOGENIC: NO

MUTAGENIC: NO

WHMIS CLASSIFICATION: D2

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**SECTION VII PREVENTIVE MEASURES, SAFE HANDLING AND USE,
REGULATORY INFORMATION**

LEAK AND SPILL PROCEDURES:

Dike spill area. Add absorbent to spill area. Remove sources of ignition. Ventilate area if necessary.

WASTE DISPOSAL METHOD:

Dispose of according to Federal, State and Local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep away from sources of ignition. Keep container closed when not in use. Use with adequate ventilation. Avoid prolonged inhalation of mist or vapour. Avoid prolonged/repeated skin contact.

OTHER:

Keep out of the reach of children!

VENTILATION:

As necessary to maintain exposure below TLV

RESPIRATORY PROTECTION:

Not normally required in well ventilated area. A NIOSH/MESA approved breathing apparatus is recommended if TLV is exceeded.

PROTECTIVE GLOVES: Solvent and Oil resistant

EYE PROTECTION: Not normally needed

OTHER PROTECTIVE EQUIPMENT: Solvent resistant apron and boots if contact is likely

WORK/HYGIENIC PRACTICES:

Remove contaminated clothing, launder before reuse.

RCRA HAZARDOUS WASTE NO: (FED) D001

DOT PROPER SHIPPING NAME: Liquid Tars

DOT HAZARD CLASS: UN1999

VOLATILE ORGANIC COMPOUNDS (VOC): <220 G/L

TDG CLASSIFICATION (CAN): Class 3 PG III (General Exemption 1.33 for domestic Shipments)

SECTION VIII FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

Skin: Wash with soap and water. Eyes: Flush with large amounts of water. Inhalation: Remove person to fresh air. If breathing is difficult administer oxygen. If breathing has stopped give artificial respiration. Seek medical attention. Ingestion: Do not induce vomiting. Contact a physician immediately.

SECTION IX PREPARATION INFORMATION

Prepared by: Technical Services Dept.

Date: March 2010

The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with the Company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.