



9/22/08
TOUCH UP PAINT
FOR LIGHT POLES

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT CODE . . . : 02966 658987 .6B
PRODUCT NAME . . . : Bega Black II
PRODUCT CLASS . . . : Touch-Up Bottle

MSDS PREPARATION DATE : 10/02/2001

MANUFACTURER IDENTIFICATION:

RAABE CORPORATION
PO BOX 1090

MENOMONEE FALLS WI 53052

CUSTOMER IDENTIFICATION:

Bega/US, Inc.
1000 Bega Way

Carpinteria, CA 93013

EMERGENCY TELEPHONE NUMBERS:

24 HOURS A DAY - CALL CHEMTREC : 800-424-9300
INTERNATIONAL CALLS TO CHEMTREC : 703-527-3887
8 AM TO 4:30 PM CENTRAL TIME : 262-255-9500

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

1 CARBON BLACK

CAS# 1333-86-4

CARBON BLACK

PCT BY WT: .6020

LEL 99.00

EXPOSURE LIMIT:

ACGIH TLV-TWA 3.5 mg/M3
ACGIH TLV-STEL NO INFO
OTHER IARC (2B)

2 ETHYLBENZENE

CAS# 100-41-4

ETHYLBENZENE

PCT BY WT: .3880 VAPOR PRESSURE: 19.000 MMHG @ 68F LEL 1.20

EXPOSURE LIMIT:

ACGIH TLV-TWA 100 ppm
ACGIH TLV-STEL 125 ppm
OSHA PEL-TWA 100 ppm
OSHA PEL-STEL 125 ppm
OTHER IARC (2B)

3 AMORPHOUS PRECIPITATED SILICA

CAS# 112926-00-8

AMORPHOUS PRECIPITATED SILICA

PCT BY WT: 1.0000

EXPOSURE LIMIT:

ACGIH TLV-TWA 10 mg/m3

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ACGIH TLV-STEL NO INFO

4 TITANIUM DIOXIDE
CAS# 13463-67-7
TITANIUM DIOXIDE
PCT BY WT: 1.0000
EXPOSURE LIMIT:
ACGIH TLV-TWA 10 mg/m3
ACGIH TLV-STEL NO INFO
OSHA PEL-TWA 10 mg/m3
COMPANY N.E.

5 XYLENE
CAS# 1330-20-7
XYLENE
PCT BY WT: 2.0000 VAPOR PRESSURE: 6.600 MMHG @ 68F LEL 1.00
EXPOSURE LIMIT:
ACGIH TLV-TWA 100 ppm
ACGIH TLV-STEL 150 ppm
OSHA PEL-TWA 100 ppm
OSHA PEL-STEL 150 ppm
COMPANY N.E.

6 METHYL ETHYL KETONE
CAS# 78-93-3
METHYL ETHYL KETONE
PCT BY WT: 18.0000 VAPOR PRESSURE: 85.000 MMHG @ 68F LEL 1.80
EXPOSURE LIMIT:
ACGIH TLV-TWA 200 ppm
ACGIH TLV-STEL 300 ppm
OSHA PEL-TWA 200 ppm
COMPANY N.E.

7 GLYCOL ETHER PM ACETATE
CAS# 108-65-6
PROPYLENE GLYCOL METHYL ETHER ACETATE
PCT BY WT: 18.0000 VAPOR PRESSURE: 3.700 MMHG @ 68F LEL 1.30
EXPOSURE LIMIT:
ACGIH TLV-TWA NOT ESTABLISHED
ACGIH TLV-STEL NOT ESTABLISHED

8 TOLUENE
CAS# 108-88-3
TOLUENE
PCT BY WT: 31.0000 VAPOR PRESSURE: 38.000 MMHG @ 68F LEL 1.40
EXPOSURE LIMIT:
ACGIH TLV-TWA 50 ppm
ACGIH TLV-STEL NO INFO

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OSHA PEL-TWA 50 ppm
COMPANY N.E.

This product contains one or more reported carcinogens or suspected
carcinogens which are noted NTP, IARC, or OSHA-Z in the other limits
recommended column.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Harmful if inhaled.
Causes eye irritation.
Causes skin irritation.
Vapors irritating to eyes and respiratory tract.
Flammable liquid and vapor.

POTENTIAL HEALTH EFFECTS:

EYE:

May cause severe corneal injury if liquid comes in contact with the eyes.

SKIN:

May cause skin irritation.
Repeated and prolonged contact with the skin may cause allergic
dermatitis.

INHALATION:

Exposure to high concentrations of vapors may cause dizziness, breathing
difficulty, headaches or respiratory irritation.
Extremely high concentrations may cause drowsiness, staggering,
confusion, unconsciousness, coma or death.
Liquid or vapor may be irritating to skin, eyes, throat or lungs.
Prolonged inhalation of dusts containing free silica may result in the
development of a disabling pulmonary fibrosis(lung disease) known as
silicosis.
Intentional misuse by deliberately concentrating and inhaling the
contents of this product can be harmful or fatal.

INGESTION:

Moderately toxic. May cause stomach discomfort, nausea, vomiting,
diarrhea, and narcosis.
Aspiration of material into the lungs if swallowed or if vomiting occurs
can cause chemical pneumonitis which can be fatal.

CHRONIC EFFECTS:

Chronic overexposure to a component or components in this material has
been found to cause the following effects in laboratory animals:
Kidney damage
Eye damage
Lung damage
Liver damage

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Spleen damage

Anemia

Brain damage

Chronic overexposure to a component or components of this product has been suggested as a cause of the following effects in humans:

Liver damage

Cardiac abnormalities

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Repeated breathing or skin contact of methyl ethyl ketone may increase the potency of neurotoxins such as hexane if exposures occur at the same time.

Rats exposed to titanium dioxide dust at 250 mg/m³ developed lung cancer, however, such exposure levels are not attainable in the workplace with this material.

Product contains toluene which may be harmful to the fetus based on animal studies.

Repeated exposure to toluene has been associated with high frequency hearing loss in laboratory animals. The human consequences of this finding is uncertain.

In April 1996, The International Agency for Research on Cancer (IARC) published Monograph 65 which reclassifies Carbon Black into Group 2B (possibly carcinogenic to humans).

In February 2000 the International Agency for Research on Cancer (IARC) classified ethylbenzene as possibly carcinogenic to humans (Group 2B) on the basis of sufficient evidence for carcinogenicity in experimental animals but inadequate evidence for cancer in humans.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT:

Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Flush with large quantities of water for 15 minutes.

SKIN CONTACT:

Wash thoroughly with soap and water and seek medical attention. Remove contaminated clothing. Launder contaminated clothing before reuse.

INHALATION:

For inhalation overexposure move person to fresh air. If breathing stops, apply artificial respiration and seek medical attention.

INGESTION:

Do not induce vomiting which can cause chemical pneumonitis and pulmonary edema. Contact a physician immediately.

NOTE TO PHYSICIAN:

SECTION 5 - FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES OF THE PRODUCT:

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respirator suitable for components listed is recommended.

SKIN PROTECTION:

Chemical resistant plastic or rubber gloves recommended for prolonged or repeated contact.

EYE PROTECTION:

Chemical goggles with side shields or face shield recommended if contact with the eyes is likely.

OTHER PROTECTIVE EQUIPMENT:

Appropriate impervious clothing is recommended if prolonged or repeated contact is likely.

HYGIENIC PRACTICES:

Wash hands before eating or smoking. Smoke in designated areas only.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	:	85.00	mm Hg @ 20 C
Vapor Density	:	3.70	
Boiling Range	:	Lower - 175.0 °F	
		Higher - 999.0 °F	
Specific Gravity	:	.941	
Formula Weight per Volume	:	7.8366	LB/GL
VOC (Calculated, LB/GAL)	:	5.661	
VOC (Calculated, GM/L)	:	678.35	
Percent Volatile by Weight.	:	71.3586	
Evaporation Rate	:	4.600	(n-Butyl Acetate = 1)
Viscosity	:	-N/A	

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID:

Avoid contact with heat, sparks, and open flame.

INCOMPATIBILITIES:

Strong oxidizing agents.

DECOMPOSITION:

Thermal decomposition may produce carbon dioxide, carbon monoxide, and unidentifiable organic materials.

POLYMERIZATION:

No hazardous polymerization will occur under normal conditions.

STABILITY:

The product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

No specific information is available. Please refer to Section 3 for available information on potential health effects.

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SECTION 12 - ECOLOGICAL INFORMATION

No specific ecological information is available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Place in closed containers. Dispose of product in accordance with local, county, state, and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

Ground shipment of limited or excepted quantities of aerosols or liquid paint in containers of 1 quart or less:

CONSUMER COMMODITY, ORM-D

Ground shipment of liquid paint in containers more than 1 quart:

PAINT, FLAMMABLE LIQUID, UN1263, CLASS 3, GROUP II

(Regulatory sources: DOT 49CFR 172.101)

Air shipment of limited or excepted quantities of aerosols or liquid paint in containers of 1 quart or less:

CONSUMER COMMODITY, ID 8000, CLASS 9 MISCELLANEOUS LABEL

(Regulatory sources: ATAI Quantity Exemptions - Table 2.8.4, 2.7.A, 2.7.5, Packaging Instruction: 910)

OR

AEROSOLS, FLAMMABLE, UN1950, CLASS 2.1 LABEL

(Regulatory sources: ATAI Quantity Exemptions - Table 2.8.1, 2.8.4, Packaging Instruction: Y203)

SECTION 15 - REGULATORY INFORMATION

SARA 313 INFORMATION:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

ETHYLBENZENE

CAS# 100-41-4 PCT BY WT: .3880

XYLENE

CAS# 1330-20-7 PCT BY WT: 1.8430

METHYL ETHYL KETONE

CAS# 78-93-3 PCT BY WT: 18.1810

TOLUENE

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CAS# 108-88-3 PCT BY WT: 31.3080

FEDERAL REGULATIONS:

TOXIC SUBSTANCES CONTROL ACT: The chemical substances in this product are listed on the TSCA Section 8 inventory.

STATE REGULATIONS:

This product contains chemical(s) which are listed on California's proposition 65 list. If the product is to be sold or used in California the following warning statement must appear on the label:

Warning! This product contains a chemical or chemicals known to the State of California to cause birth defects or other reproductive harm.

NEW JERSEY RIGHT-TO-KNOW

No non-hazardous ingredients are among the top five ingredients

PENNSYLVANIA RIGHT-TO-KNOW

No non-hazardous ingredients are present greater than 3%

INTERNATIONAL REGULATIONS:

CANADA: The chemical substances in this product are listed on the Canadian Domestic Substances List.

SECTION 16 - OTHER INFORMATION

The information contained on this MSDS is believed to be reliable and accurate. Due to the changing nature of government information, it is impossible to guarantee the accuracy of the information contained herein. Since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by the use of this material. This information should not be regarded as legal advice or regulation. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations. For questions relating to specific aspects of the requirements and regulations consult the proper regulatory agency.

HMIS RATINGS:

HEALTH: 2* FLAMMABILITY: 3 REACTIVITY: 0 PERSONAL PROTECTION: B