

# Diamond-Kote Enviro Premium Sound Shield - SKU# 164/165/166

Revision Date: 2013/07/24

## MATERIAL SAFETY DATA SHEET

### SECTION I - PRODUCT & COMPANY IDENTIFICATION

**Supplier:** Diamond-Kote Industries Ltd.  
3 Pullman Court  
Toronto, ON, M1X 1E4  
Canada

**Manufacturer:** WGI Manufacturing Inc.  
3 Pullman Court  
Toronto, ON M1X 1E4  
Canada

**Information Phone Number:** (416)412-2970  
**Emergency Phone Number:** (800)424-9300  
**Preparation Date:** 15-Jul-13  
**Prepared By:** SWT Technical Department; (519) 967-0020

**Product Code:** Enviro Premium Sound Shield (SKU# 164, 165, 166)  
**Product Name:** Water Based Undercoating  
**Generic Class:** Asphalt Emulsion

### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
111-76-2	1-5	ETHYLENE GLYCOL MONO-BUTYL ETHER	25 PPM	1.48 G/KG, ORAL, RAT	NOT AVAILABLE
1302-78-9	1-5	SURFACTANT	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
8052-42-4	94-98	ASPHALT	0.5 MG/M3	NOT AVAILABLE	NOT AVAILABLE

### SECTION 3 - HAZARDS IDENTIFICATION

#### EFFECTS OF OVER EXPOSURE

**INHALATION:** Excessive exposure to vapors may be irritating to the nose, throat, upper respiratory tract and lungs. Excessive exposure can result in headaches, dizziness, nausea, and narcotic effects; it can be defined as inadequate ventilation for extended periods of time.

**EYE CONTACT:** Splash of the liquid or concentrated vapors may cause severe eye irritation. Severe injuries may result of repeated or prolonged contact. Injuries to the eye may be permanent if not treated immediately.

**SKIN CONTACT:** May be irritating to the skin, causing defatting, redness, cracking and dryness. Toxic amounts of product may be absorbed through the skin.

**INGESTION:** If swallowed, this product may cause vomiting, nausea and diarrhea and may be harmful if swallowed in very large amounts.

**CHRONIC EXPOSURE:** Prolonged skin contact may cause dermatitis.

### SECTION 4 - FIRST AID MEASURES

**INHALATION:** Move the victim to fresh air. If breathing is difficult give oxygen. If breathing has stopped give artificial respiration. Seek immediate medical attention.

**EYE CONTACT:** Immediately flush eyes with lukewarm water for at least 15 minutes, holding eyelids open. See immediate medical attention.

**SKIN CONTACT:** Remove the paint residue using industrial grade hand cleaner. Wash the skin with plenty of warm water and mild non-abrasive soap for at least 15 minutes. Do not use cold water. Remove contaminated clothes, wash clothing before reuse. If the irritation persists repeat the washing procedure. Seek medical attention.

**INGESTION:** Do not induce vomiting! If conscious give large quantities of water. Keep the victim warm and quiet. Seek

immediate medical attention. Should vomiting occur, lean the victim over to reduce the risk of aspiration.

## SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT:	>233C / >450F
EXPLOSION LIMITS:	Not Available
EXTINGUISHING MEDIA:	Dry chemical, CO <sub>2</sub> , alcohol resistant foam, or water spray.
SPECIAL FIRE FIGHTING PROCEDURES:	Wear self-contained breathing apparatus and complete protective clothing (overalls, boots, goggles, etc.) and safety equipment. Evacuate area and fight fire from a safe distance.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Material will not burn until all water has been evaporated off. May boil vigorously or spatter if temperature exceeds boiling point. Dry polymer films are capable of burning.
AUTO-IGNITION TEMPERATURE:	>400 F / 205 C
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of Carbon and other toxic gases.
EXPLOSION DATA:	
-SENSITIVITY TO MECHANICAL IMPACT:	Not Sensitive
-SENSITIVITY TO STATIC CHARGE:	Sensitive

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Remove any sources of ignition and avoid prolonged breathing of vapor when performing any clean-up of spills. Ventilate the area. Absorb the spill by using an inert material (sand, earth, vermiculate, etc.). Transfer the absorbed material into a waste container. Use water to clean up affected area.

Prevent the product or any wash waters from entering the water systems or sewers. Wear a NIOSH/OSHA approved organic vapor canister respirator. Wear protective clothing such as safety eyewear, overalls, impervious boots, and chemical resistant gloves.

## SECTION 7 - HANDLING & STORAGE

### STORAGE

Store in a cool, dry, well-ventilated area. Keep away from direct sunlight, high heat, incompatible materials and any sources of ignition. Storage above 55 C or 122 F may effect product quality. KEEP FROM FREEZING!

### HANDLING

Always ground the containers when transferring or mixing.

## SECTION 8 - EXPOSURE CONTROLS/PERSONNEL PROTECTION

### RESPIRATORY PROTECTION (SPECIFIC TYPE)

No special requirements under normal conditions. Use an organic vapor mask under extreme conditions and use a NIOSH/OSHA approved organic vapor canister respirator when exposure levels are exceeded. Always provide adequate ventilation.

Engineering: provide sufficient ventilation to control the exposure levels below limits where applicable.

### EYE PROTECTION

Wear anti-splash chemical goggles with side shields or wear a full face shield. Contact lenses should not be worn when working around organic solvents that can be found in some water based products.

### OTHER PRECAUTIONS

Avoid repeated or prolonged contact with the skin. If rags are used with this product as a cleaning purpose, discard them into a water filled container after use.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

SPEC GRAV @ 25 C (77 F):	1.1-1.2 g/ml	PERCENT SOLIDS (by weight):	~45%
FLASH POINT:	>233C / <450F	PERCENT VOLATILE (by weight):	~55%
IN. BOIL PT. (ASTM D86):	212 F / 100 C	PERCENT SOLIDS (by volume):	Not Available
SOLUBILITY IN WATER:	Soluble	VOC (theoretical):	Not Available
EVAPORATION RATE:	Slower than n-BuAc	WT/USG @ 77 F:	9.1-9.9 lbs
VAPOR PRESSURE:	60 mm Hg @ 100 F	pH @ 77 F:	5.0-7.0
VAPOR DENSITY:	Not Available	Freezing Point:	32 F / 0 C
PHYSICAL STATE:	Black liquid, mild odor.		

NOTE: All data is obtained through experimental laboratory methods and intended as typical of normal production.

## SECTION 10 - STABILITY AND REACTIVITY

STABILITY:	Stable
CONDITIONS OF INSTABILITY:	Sparks and open flames, high heat, direct sunlight. KEEP FROM FREEZING!
MATERIALS TO AVOID (INCOMPATIBLES):	Can react violently with strong oxidizing agents, alkalis and acids.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon.

HAZARDOUS POLYMERIZATION: No, will not occur.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

CHRONIC EXPOSURE: Prolonged skin contact may cause dermatitis.  
 CARCINOGENICITY: No ingredients listed by IARC or ACGIH  
 REPRODUCTIVE TOXICITY: Not Available  
 MUTAGENICITY: Not Available  
 SYNERGISTIC PRODUCTS: Not Available  
 REGULATORY STATUS: All ingredients are listed on DSL (Cdn) and TSCA (USA).  
 TOXICOLOGY DATA:

INGREDIENT NAME	CAS Number	Weight Percent	LD <sub>50</sub>	LC <sub>50</sub>	TLV
Ethylene glycol mono-butyl ether	111-76-2	1-5%	1.48 g/kg, oral, rat	Not Available	25 ppm
Surfactant	1302-78-9	1-5%	Not Available	Not Available	Not Available
Asphalt	8052-42-4	94 - 98%	Not Available	Not Available	0.5 mg/m3

**SECTION 12 - ECOLOGICAL INFORMATION**

Not Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Dispose of in accordance with applicable Federal, Provincial, and Municipal regulations.

**SECTION 14 - TRANSPORTATION INFORMATION**

Shipping Name: Not Regulated by TDG  
 TDG Classification: Not Regulated by TDG

**SECTION 15 - REGULATORY INFORMATION**

**WHMIS CLASSIFICATION**

Class D, Div 2b, Materials Causing Other Toxic Effects

**TDG CLASSIFICATION**

Not Regulated by TDG

HMIS RATING SYSTEM	
Degree of Hazard	Hazard Ratings
Health: 2	0: Least 1: Slight
Fire: 1	2: Moderate 3: High
Reactivity: 0	4: Extreme

**SECTION 16 - OTHER INFORMATION**

**DISCLAIMER**

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