

Diamond Kote Vulcanized Premium Undercoating SKU#160/162/163

Revision Date: 2014/06/05

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT & COMPANY IDENTIFICATION

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

Manufacturer: WGI Manufacturing Inc.
3 Pullman Court
Toronto, ON, M 1X 1E4 Canada

Information Phone Number: (416) 412-2970
Emergency Phone Number: (613) 996-6666
Preparation Date: 15-Jul-13

Product Code: Vulcanized Premium Undercoating (SKU#160, 162, 163)
Product Name: Undercoating
Generic Class: Asphalt Undercoating

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
67-56-1	0.5-1.5	METHYL ALCOHOL	200 PPM (SKIN)	5600 MG/KG RAT ORAL, 7300 MG/KG MOUSE ORAL, 14, 200 MG/KG RABBIT ORAL, 15,800 MG/KG RABBIT DERMAL	81,00 MG/M3/14H RABBIT INHALATION, 64,000 PPM/RH RAT INHALATION
8052-41-3	15-40	MINERAL SPIRITS	100 PPM	NOT AVAILABLE	> 1400 PPM/8H RAT INHALATION

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 (TCC): >38C / >100.4F
EXPLOSION LIMITS: 1 UEL / 7 LEL
EXTINGUISHING MEDIA: Dry chemical, CO₂, alcohol resistant foam, or water spray.
SPECIAL FIRE FIGHTING PROCEDURES: Treat as a flammable liquid. Wear self-contained breathing apparatus. Wear complete protective clothing (overalls, boots, goggles, etc.) and safety equipment. Evacuate area and fight fire from a safe distance.
UNUSUAL FIRE & EXPLOSION HAZARDS: Vapors form an explosive mixture between upper and lower explosion limits in air (percent volatiles in air).
AUTO-IGNITION TEMPERATURE: 253C / 470F
HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon and other poisonous 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. Handle as a highly flammable liquid.

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.

HANDLING

Always ground the containers when transferring or mixing.

SECTION 8 - EXPOSURE CONTROLS/PERSONNEL PROTECTION

RESPIRATORY PROTECTION (SPECIFIC TYPE)

Avoid breathing the vapor. Use an organic vapor mask under normal conditions and use a NIOSH/OSHA approved organic vapor canister respirator when exposure levels are exceeded.

Use adequate ventilation. Engineering: provide sufficient ventilation to control the exposure levels below limits.

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.

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

SPECIFIC GRAVITY @ 77 F:	1.044 g/ml	PERCENT SOLIDS (by weight):	65% (typical)
FLASH POINT (TCC):	38C / 100.4F	PERCENT VOLATILE (by weight):	38% (typical)
BOILING POINT:	Not Available	PERCENT SOLIDS (by volume):	53% (typical)
SOLUBILITY IN WATER:	Insoluble	Weight/US gallon @ 77 F:	8.7 lbs (typical)
EVAPORATION RATE:	1.2 (mineral spirits)	Coating VOC	362 g/L (typical)
VAPOR PRESSURE:	Not Available		
VAPOR DENSITY:	Not Available		
PHYSICAL STATE:	Black liquid, solvent 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.
 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: None
 TOXICOLOGY DATA:

INGREDIENT NAME	CAS Number	Weight Percent	LD ₅₀	LC ₅₀	TLV
Mineral Spirits	8052-41-3	15-40%	>8 ml/kg, oral, rat	1400 ppm, inhale, rat	100 ppm
Methanol	67-56-1	0.5-1.5%	100-250 ml, fatal dose	Not Available	200 ppm

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

TDG CLASSIFICATION

Not regulated in containers under 450 liters in volume as per package exemption 1.33 for domestic ship

SECTION 15 - REGULATORY INFORMATION

WHMIS CLASSIFICATION

Class B, Div. 3, Combustible Liquids
 Class D, Div. 2b, Materials causing other toxic effects

TDG CLASSIFICATION

Not regulated in containers under 450 liters in volume as per package exemption 1.33 for domestic ship

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

SECTION 16 - OTHER INFORMATION