

**Diamond-Kote Gold Water Based Premium Rust Inhibiting Mist Amber**  
**SKU#156/158/159/6158/6159**

**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:** (613) 996-6666  
**Preparation Date:** 15-Jul-13  
**Prepared By:** SWT Technical Department; (519) 967-0020

**Product Code:** **Water Based Premium Rust Mist (SKU#156, 158, 159)**  
**Product Name:** Water Based Rust Inhibitor  
**Generic Class:** Modified Water Based Calcium Sulphonate

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
N/A	30	CALCIUM SULPHONATE	NOT AVAILABLE	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 (ASTM D93, P-M CC):	None
NOTES ON FLASH POINT:	P-M CC, TCC, TOC: Continuous emission of steam observed at 100 C / 212 F.
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. Wear 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:	Not Available
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

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.

### HANDLING

No special instructions

## 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):	1.06 g/ml (typical)	PERCENT SOLIDS (by weight):	51%(typical)
FLASH POINT ( P-M CC):	None	PERCENT VOLATILE (by weight):	48% (typical)
BOILING POINT or RANGE:	100 C	PERCENT SOLIDS (by volume):	48% (typical)
SOLUBILITY IN WATER:	Soluble	VOC (theoretical):	<0.09 lbs/US gal / <15g/L
EVAPORATION RATE:	Slower than n-BuAc	pH @ 77 F:	8.0-8.5
VAPOR PRESSURE:	Not Available	Freezing Point:	<32 F / <0C
VAPOR DENSITY:	Not Available		
PHYSICAL STATE:	Thixotropic amber liquid		

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:	None known
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 EFFECTS: 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 the TSCA (USA) and the DSL (Cdn).

TOXICOLOGY DATA:

INGREDIENT NAME	CAS Number	Weight Percent	LD <sub>50</sub>	LC <sub>50</sub>	TLV
Calcium Sulphonate	Trade Secret	40%	n/a	n/a	n/a

**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**

Not controlled

**REGULATORY STATUS**

Not Regulated by TDG

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

**SECTION 16 - OTHER INFORMATION****DISCLAIMER**

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