

MATERIAL SAFETY DATA SHEET

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SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME

MANUFACTURER:  
Kema Coatings Limited.  
P.O. Box 1500 - 1209  
Etobicoke, Ontario  
M9C 4V5

KEMA 300  
BASE COMPONENT

SUPPLIER:  
Kema Coatings Limited.  
P.O. Box 1500-1209  
Etobicoke Ontario  
M9C 4V5

PRODUCT USE: PAINT

WHIMS CLASSIFICATION: NC

EMERGENCY TELEPHONE NUMBER  
CANUTEC (613) 996 - 6686

TRANSPORTATION OF DANGEROUS GOODS: Non regulated

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredients	Approx Wt %	CAS Number	Exposure Limits
EPOXIDE POLYMER	40-60	28064-14-4	TLV PEL: none established

SECTION III - PHYSICAL DATA

Odour and Appearance:	BLUE	Specific Gravity:	1.72
Physical State:	LIQUID	% Volatile by Volume:	Nil
Melting Point <0 degrees F:	-18°C	Solubility in Water (% by weight):	Negligible
pH:	ca 5		

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**SECTION IV: FIRE AND EXPLOSION DATA**

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Flash Point: 149°C (>300°F)  
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical or Foam.  
SPECIAL PROCEDURES: Use a self-contained breathing apparatus.  
NOTE: Decomposition and combustion products may be toxic.

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**SECTION V - REACTIVITY DATA**

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**THIS PRODUCT IS STABLE.****INCOMPATIBILITY:**

Strong oxidising agents, strong acids and bases.

**HAZARDOUS DECOMPOSING PRODUCTS:**

Carbon dioxide, carbon monoxide and phenolics.

**HAZARDOUS POLYMERISATION:**

None.

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**SECTION VI - HEALTH AND HAZARD INFORMATION**

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INHALATION: LC<sub>50</sub>(rabbits): 8000mg/kg  
SKIN CONTACT: LC<sub>50</sub>(rabbits): 4000mg/kg  
EYE CONTACT: Irritating

INGESTION: LC<sub>50</sub>(rabbits): 4000mg/kg  
ACUTE OVEREXPOSURE: Irritation, possible sensitization  
CHRONIC OVEREXPOSURE: Skin Sensitization, dermatitis

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**SECTION VII - FIRST AID PROCEDURE**

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EYE CONTACT: Immediately flush with plenty of water for 15 minutes. Call physician.  
SKIN CONTACT: Promptly wash with mild soap and water.  
INHALATION: Remove to fresh air. If breathing is difficult give oxygen. Call physician.  
INGESTION: If large amounts are ingested, induce vomiting if conscious.

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**SECTION VIII - DISPOSAL OR SPILL PROCEDURES**

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**AQUATIC TOXICITY:** Not available at this time.

**WASTE OR DISPOSAL METHOD:**

Not considered hazardous under RCRA (40CFR 261)

Dispose in chemical disposal area or in a manner that complies with local, provincial and federal regulations.

Do not incinerate closed containers.

**STEPS TO BE TAKEN IF MATERIAL IS SPILLED:**

Shovel into closeable container for disposal.

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**SECTION IX - SPECIAL PROTECTION MEASURES**

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**PERSONAL PROTECTIVE EQUIPMENT**

**VENTILATION REQUIREMENTS:** Good general mechanical ventilation and local exhaust.

**PROTECTIVE GLOVES:** Impervious gloves.

**EYE PROTECTION:** Splash-proof chemical gloves.

**OTHER PROTECTIVE EQUIPMENT:** Appropriate equipment to prevent probability of skin and eye.

**SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:**

Organic chemical cartridge respirator if needed in non-vented area.

**SPECIAL PRECAUTIONS:**

Can cause irritation; wear protective skin and eye equipment. Do not heat above 400°F (200°C) in bulk; dangerous decomposition may occur, liberating toxic fumes.

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**SECTION IX - PREPARATION INFORMATION**

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**PREPARATION DATE 30AUG99** Data is based on formulation in effect at date of issue. Consult Manufacturer on current publications.

**REVISION DATE: 31OCT99** **ORIGINATOR: Michael S. Cork, Vice President, Technical Services**

Please call the factory or your Kema Coatings Limited sales representative for additional information regarding this product or its application.

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SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME

**MANUFACTURER:**  
Kema Coatings Limited.  
P.O. Box 1500 - 1209  
Etobicoke, Ontario  
M9C 4V5

**KEMA 300**  
**HARDENER COMPONENT**

**SUPPLIER:**  
Kema Coatings Limited.  
P.O. Box 1500-1209  
Etobicoke Ontario  
M9C 4V5

**PRODUCT USE: PAINT**  
**WHMIS CLASSIFICATION: NC**

**EMERGENCY TELEPHONE NUMBER**  
CANUTEC (613) 998 - 6666

TRANSPORTATION OF DANGEROUS GOODS: Non regulated

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredients	Approx. Wt %	CAS Number	Exposure Limits
PROPRIETARY INGREDIENT	5 - 40%	8864-37-5	None Established
PROPRIETARY INGREDIENT	5 - 50%	135108-88-2	None Established
POLYAMINE	5 - 25%	17663-71-3	None Established

SECTION III - PHYSICAL DATA

Odour and Appearance:	BROWN/SLIGHT SWEET ODOUR	Specific Gravity:	0.964
Physical State:	LIQUID	% Volatile by Volume:	<0.5%
Melting Point <0 degrees F:	-18°C	Solubility in Water (% by weight):	Negligible
pH:	ca 10		

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**SECTION IV: FIRE AND EXPLOSION DATA**

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**Flash Point:** 93°C (>200°F)  
**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical or Foam.  
**SPECIAL PROCEDURES:** Use a self-contained breathing apparatus.  
**NOTE:** Decomposition and combustion products may be toxic.

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**SECTION V - REACTIVITY DATA**

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**CONDITIONS CONTRIBUTING TO INSTABILITY:**  
 Do not heat in bulk as dangerous decomposition may occur, liberating toxic fumes.  
**INCOMPATIBILITY:**  
 Strong oxidising agents, strong acids and bases.  
**HAZARDOUS DECOMPOSING PRODUCTS:**  
 Carbon dioxide, carbon monoxide and phenolic nitrogen oxides and compounds.  
**HAZARDOUS POLYMERISATION:**  
 Heating in bulk.

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**SECTION VI - HEALTH AND HAZARD INFORMATION**

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**INHALATION:** LC<sub>50</sub>(rabbits): Possible respiratory irritant  
**SKIN CONTACT:** Possible irritant, dermatitis in extreme  
**EYE CONTACT:** Severe irritant

**INGESTION:** LC<sub>50</sub>(rabbits): 3000mg/kg  
**ACUTE OVEREXPOSURE:** Irritation, possible sensitization, nausea  
**CHRONIC OVEREXPOSURE:** Skin Sensitization, nausea, may be corrosive

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**SECTION VII - FIRST AID PROCEDURE**

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**EYE CONTACT:** Immediately flush with plenty of water for 15 minutes. Call physician.  
**SKIN CONTACT:** Promptly wash with mild soap and water.  
**INHALATION:** Remove to fresh air. If breathing is difficult give oxygen. Call physician.  
**INGESTION:** Call physician immediately. Give generous amounts of water if conscious. Do not induce vomiting.

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**SECTION VIII - DISPOSAL OR SPILL PROCEDURES**

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**AQUATIC TOXICITY:** Not available at this time.

**WASTE OR DISPOSAL METHOD:**

Not considered hazardous under RCRA (40CFR 261)

Dispose in chemical disposal area or in a manner that complies with local, provincial and federal regulations.

Do not incinerate closed containers.

**STEPS TO BE TAKEN IF MATERIAL IS SPILLED:**

Absorb into sand or other absorbent material. Shovel into closeable container and dispose of in professional manner.

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**SECTION IX - SPECIAL PROTECTION MEASURES**

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**PERSONAL PROTECTIVE EQUIPMENT**

**VENTILATION REQUIREMENTS:** Good general mechanical ventilation and local exhaust.

**PROTECTIVE GLOVES:** Impervious gloves.

**EYE PROTECTION:** Splash-proof chemical gloves.

**OTHER PROTECTIVE EQUIPMENT:** Appropriate equipment to prevent probability of skin and eye.

**SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:**

Organic chemical cartridge respirator if needed in non-vented area.

**SPECIAL PRECAUTIONS:**

Can cause irritation; wear protective skin and eye equipment. Do not heat above 400°F (200°C) in bulk; dangerous decomposition may occur, liberating toxic fumes.

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