

MATERIAL SAFETY DATA SHEET

PAGE 1

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) 998 - 6666

TRANSPORTATION OF DANGEROUS GOODS: Non regulated

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredients	Approx Wt %	CAS Number	Exposure Limits
EPOXIDE POLYMER	40-50	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		

MATERIAL SAFETY DATA SHEET
KEMA 300

PAGE 2

SECTION IV: FIRE AND EXPLOSION DATA

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.

SECTION V - REACTIVITY DATA

THIS PRODUCT IS STABLE.
INCOMPATIBILITY:
Strong oxidising agents, strong acids and bases.
HAZARDOUS DECOMPOSING PRODUCTS:
Carbon dioxide, carbon monoxide and phenolics.
HAZARDOUS POLYMERISATION:
None.

SECTION VI - HEALTH AND HAZARD INFORMATION

INHALATION: LC₅₀(rabbits): 8000mg/kg
SKIN CONTACT: LC₅₀(rabbits): 4000mg/kg
EYE CONTACT: Irritating
INGESTION: LC₅₀(rabbits): 4000mg/kg
ACUTE OVEREXPOSURE: Irritation, possible sensitization
CHRONIC OVEREXPOSURE: Skin Sensitization, dermatitis

SECTION VII - FIRST AID PROCEDURE

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.

MATERIAL SAFETY DATA SHEETS
KEMA 300

PAGE 3

SECTION VIII - DISPOSAL OR SPILL PROCEDURES

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.

SECTION IX - SPECIAL PROTECTION MEASURES

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.

SECTION IX - PREPARATION INFORMATION

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.

MATERIAL SAFETY DATA SHEET

PAGE 1

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) 996 - 6866

TRANSPORTATION OF DANGEROUS GOODS: Non regulated

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredients	Approx. Wt %	CAS Number	Exposure Limits
PROPRIETARY INGREDIENT	5 - 40%	8884-37-5	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:	0.984
Physical State:	LIQUID	% Volatile by Volume:	<0.5%
Melting Point <0 degrees F:	-18°C	Solubility in Water (% by weight):	Negligible
pH:	ca 10		

**MATERIAL SAFETY DATA SHEET
KEMA 300**

PAGE 2

SECTION IV: FIRE AND EXPLOSION DATA

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.

SECTION V - REACTIVITY DATA

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.

SECTION VI - HEALTH AND HAZARD INFORMATION

INHALATION: LC₅₀(rabbits): Possible respiratory irritant
SKIN CONTACT: Possible irritant, dermatitis in extreme
EYE CONTACT: Severe irritant

INGESTION: LC₅₀(rabbits): 3000mg/kg
ACUTE OVEREXPOSURE: Irritation, possible sensitization, nausea
CHRONIC OVEREXPOSURE: Skin Sensitization, nausea, may be corrosive

SECTION VII - FIRST AID PROCEDURE

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.

MATERIAL SAFETY DATA SHEETS
KEMA 300

PAGE 3

SECTION VIII - DISPOSAL OR SPILL PROCEDURES

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.

SECTION IX - SPECIAL PROTECTION MEASURES

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.

SECTION IX - PREPARATION INFORMATION

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.