

(11183)



MATERIAL SAFETY DATA SHEET

- I - PRODUCT INFORMATION -

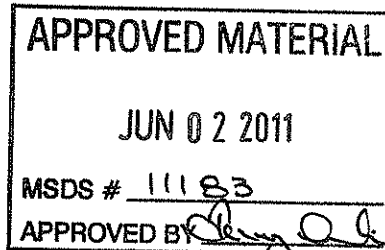
MANUFACTURER
ALLCOLOUR PAINT LIMITED
1257 SPEERS ROAD
OAKVILLE, ONTARIO, CANADA
L6L 2X5

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SUPPLIER
AMERCOAT CANADA
1174 SOUTH SERVICE ROAD WEST
OAKVILLE, ONTARIO
L6L 5T7

Telephone: (905) 847 1500

Description : AMERCOAT 370 WHITE BASE
Product Code : AX9319
Product Class : Epoxy Coating - Base
HMIS Ratings : HEALTH: 2 FLAMMABILITY: 3 REACTIVITY: 0 PPE: B
WHMIS Classification: B2, D2a, D2b
TDG CLASSIFICATION : PAINT
TDG Class 3 UN1263 Packing Group III



- II - PREPARATION INFORMATION -

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Date Prepared : 02/10/11

- III - HAZARDOUS INGREDIENTS -

	CAS Reg.No.	% by wt.	ppm-TLV-mg/m3		SOURCE
(i) Barite	13462-86-7	30-60%	N.AV.	10	MFG
(ii) Epichlorhydrin/Bisphenol A Epoxy Resin	25036-25-3	5-10%	N.AV.	N.AV.	MFG.
(iii) Methyl isobutyl ketone	108-10-1	1.0-5%	50	205	CCOHS
(iv) Methyl Ethyl ketone	78-93-3	5-10%	200	590	CCOHS
(v) Silica Amorphous, fumed	7631-86-9	1.0-5%	N.AV.	2	ON833/00
(vi) Silicon Dioxide, crystalline	14808-60-7	10-30%	N.AV.	0.05	ON845/00
(vii) Titanium dioxide	13463-67-7	10-30%	N.AV.	10	ON833/00
(viii) xylene	1330-20-7	1.0-5%	100	435	ACGIH

(N.AV. = not available. N.AP. = not applicable.)

Notes:

- (i) - eye irritant (BA030002)
- (ii) - flammable, irritant (EP110007)
LD50 mg/kg: 5100 , oral , Rat.
LC50(4 hr): 1500 ppm , Rabbit.
- (iii) - flammable, irritant (ME090002)
LD50 mg/kg: 2080 , oral , Rat.
LC50(4 hr): 2000 ppm , Rat.
- (iv) - flammable, irritant (ME090006)
LD50 mg/kg: 2740 , oral , Rat.

LC50(4 hr): 11700 ppm , Rat.
 (v) - respiratory irritant (SI010002)
 LD50 mg/kg: 3160 , oral , Rat.
 (vi) - respiratory irritant (SI010003)
 (vii)- irritant (TI060001)
 LD50 mg/kg: 24000 , oral , Rat.
 (viii)
 - flammable, irritant (XY090001)
 LD50 mg/kg: 4300 , oral , Rat.
 LC50(4 hr): 5000 ppm , Rat.

- IV - PHYSICAL DATA -

ODOUR AND APPEARANCE: Characteristic odor of solvents present.
 VOLATILE BY VOLUME : 39.42%
 SPECIFIC GRAVITY : 1.927
 EVAPORATION RATE : FASTER than N'Butyl Acetate.
 FLASHPOINT : 28 Degrees Centigrade (SETAFLASH CC)
 LEL : 1.1
 STABILITY : STABLE
 HAZ. POLYMERIZATION : WILL NOT occur.
 VOC (gm/lt) : 318.7 (water in)
 VOC (gm/lt) : 318.7 (water out)
 HAPS (% wt) : 16.26

- V - FIRE AND EXPLOSION HAZARD -

EXTINGUISHING METHOD

Extinguish with carbon dioxide, foam, dry chemical. Water may be ineffective at putting out fires.

SPECIAL FIRE-FIGHTING PROCEDURES

Self contained positive pressure breathing apparatus should be worn by fire fighting personnel. Exposure to heat builds pressure in closed containers. To prevent bursting, cool with stream of water.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Flammable; material will ignite readily at ambient temperatures. Avoid use in the vicinity of sparks, static, or any source of ignition. Product is a static accumulator. Use proper grounding procedures when transferring. Vapours are heavier than air and may travel along the ground to ignition sources distant from the point of material handling and flash back. Vapours will collect in low laying areas and confined spaces.

HAZARDOUS COMBUSTION PRODUCTS

Complete and partial combustion of the paint itself or the dried film will produce carbon monoxide, carbon dioxide and various other toxic hydrocarbons.

- VI - REACTIVITY DATA -

CONDITIONS TO AVOID

To maintain stability, avoid ignition sources.

INCOMPATIBILITY - MATERIALS TO AVOID

To maintain product integrity, avoid contact with strong acids, alkalies, oxidizable material, (reducing agents), reactive metals oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS
See Section 5D for Hazardous Combustion Products.

HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID
None known.

- VII - TOXICOLOGICAL PROPERTIES -

ACUTE EFFECTS OF OVEREXPOSURE

SKIN CONTACT:
Irritating on contact.
Repeated or prolonged exposure may cause dry skin and dermatitis.

EYE CONTACT:
Liquid is irritating when splashed directly into the eyes.
Severe exposure to vapours will irritate the eyes.

INHALATION:
Vapours and mist may cause nervous system depression, characterized by nausea, dizziness, loss of co-ordination, etc.
Inhalation of product may irritate the respiratory system.

INGESTION:
May cause gastrointestinal irritation.
Ingestion, like inhalation, may cause central nervous system depression with similar symptoms. However, small amounts aspirated into the respiratory system during ingestion or subsequent vomiting will cause severe lung irritation, (chemical pneumonitis).

CHRONIC EFFECTS OF OVEREXPOSURE
Reports have associated repeated and prolonged occupational overexposure to solvents with brain and nervous system damage.
Prolonged inhalation of crystalline silica dust in high concentrations may lead to silicosis, a chronic lung disease. IARC has evaluated crystalline silica as a level 2A carcinogen, (limited human evidence).
Xylene has been classified as a possible embryotoxin based on recommendations from the World Health Organization.

IRRITANCY
Product is a moderate eye and skin irritant.
Product is a respiratory irritant.

SENSITIZATION
Product is essentially nonsensitizing.

- VIII - FIRST AID MEASURES -

SKIN CONTACT
Wash thoroughly with soap and water. Remove contaminated clothing.
Seek medical attention if irritation persists.

EYE CONTACT
Flush with warm water until irritation subsides. If irritation persists, seek medical attention.

INHALATION
Remove to fresh air. Perform artificial respiration if necessary. Avoid direct mouth to mouth contact. Get medical help immediately.

INGESTION

Dilute by drinking 1 to 2 fluid ounces of water if conscious. Do not induce vomiting. Call for prompt medical attention.

- IX - PREVENTIVE MEASURES -

SPILL OR LEAK PROCEDURES

Use nonsparking tools and explosion proof equipment.
Eliminate ignition sources. Stop spill at source. Pump up excess. Soak up residue with a suitable absorbant and collect absorbate in a container for disposal. For larger spills, dike to prevent spreading, notify the proper authorities.
Restrict access to area.

WASTE DISPOSAL METHOD

Incinerate or landfill in accordance with local, provincial and federal legislation. Never dispose of by means of public waters or drainage systems.

PERSONAL PROTECTIVE EQUIPMENT

A NIOSH approved organic vapour respirator with dust and mist prefilter may be required in the absence of adequate environmental controls, (when TLV exceeded).
Safety shower and eye bath should be available. Approved barrier creams may be used as skin protection.
Polyvinyl alcohol, 4H, Responder, Barricade, or Teflon gloves recommended.

VENTILATION AND ENGINEERING CONTROLS

Use adequate ventilation (general or local) to maintain the ambient concentration below the occupational exposure limit.
Local exhaust is recommended.

TRANSPORTATION, STORAGE, AND HANDLING PROCEDURES

Avoid generation of excessive dust and dust inhalation during sanding and spraying operations.
Contaminated rags may catch fire spontaneously. Store under water in a closed container before cleaning.
Do not freeze.
Remove from sources of ignition.
Do not reuse empty containers. Recondition or dispose of in the proper manner.
Use with adequate ventilation. Avoid skin contact. Protect your eyes.
Avoid generating vapours or mists.