

(11184)

# AMERCOAT®

## MATERIAL SAFETY DATA SHEET

### - I - PRODUCT INFORMATION -

#### MANUFACTURER

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

Telephone: (905) 827 4173

Emergency telephone: (905) 827 4173  
CANUTEC (24 hours): (613) 996 6666

#### SUPPLIER

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

Telephone: (905) 847 1500

Description : AMERCOAT 370 CURE  
Product Code : A36834  
Product Class : CURING AGENT  
HMIS Ratings : HEALTH: 3 FLAMMABILITY: 3 REACTIVITY: 0 PPE: G  
WHMIS Classification: B2, D2a, D2b, E  
TDG CLASSIFICATION : PAINT RELATED MATERIAL  
TDG Class 3 UN1263 Packing Group III

**APPROVED MATERIAL**  
  
SEP 05 2012  
  
MSDS # 11184  
  
APPROVED BY *[Signature]*

### - 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) n-Propyl alcohol	71-23-8	10-30%	200	490	ON833/00
(ii) Triethylenetetramine	112-24-3	1.0-5%	0.5	3	ON833/00
(iii) Tri(dimethylaminomethyl) p henol	90-72-2	5-10%	5	N.AV.	MFG.

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

#### Notes:

- (i) - flammable, irritant (PR090001)  
LD50 mg/kg: 560 , oral , Rat.  
LC50(4 hr): 4000 ppm , Rat.
- (ii) - corrosive, toxic, sensitizer (TR080001)  
LD50 mg/kg: 805 , oral , Mouse.
- (iii)- eye and skin irritant (TR110003)  
LD50 mg/kg: 1673 , oral , Rat.

### - IV - PHYSICAL DATA -

ODOUR AND APPEARANCE: Characteristic odor of solvents present.  
VOLATILE BY VOLUME : 25.26%  
SPECIFIC GRAVITY : 0.940  
EVAPORATION RATE : FASTER than N'Butyl Acetate.

FLASHPOINT : 28 Degrees Centigrade (SETAFLASH CC)  
LEL : 1  
STABILITY : STABLE  
HAZ. POLYMERIZATION : WILL NOT occur.  
VOC (gm/lit) : 187.2 (water in)  
VOC (gm/lit) : 187.2 (water out)  
HAPS (% wt) : 0.00

- V - FIRE AND EXPLOSION HAZARD -

EXTINGUISHING METHOD

Extinguish with carbon dioxide, foam, dry chemical, or water spray.  
Do not use streams of water.

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 ammonia, oxides of nitrogen, 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, alkalis, oxidizable material, (reducing agents), halogenated compounds, 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.

If confined may result in a burn.

Repeated or prolonged exposure may cause dry skin and dermatitis.

EYE CONTACT:

Liquid is irritating when splashed directly into the eyes. Severe exposure may cause eye burns resulting in permanent injury. At low vapour concentrations, amines can cause swelling of the eye surface resulting in a visual disturbance called "blue haze". This effect is usually not accompanied by pain and causes no permanent injury.

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. Sore throat, coughing, chest pain, and shortness of breath may occur.

INGESTION:

Ingestion may cause central nervous system depression. May cause burning of the mouth, throat, and digestive tract.

CHRONIC EFFECTS OF OVEREXPOSURE

Chronic exposure has resulted in liver and kidney damage in laboratory animals. Dibutyl phthalate caused lung disease and adversely affected reproductive ability in rats on repeated ingestion during laboratory studies.

IRRITANCY

Product is a moderate eye and skin irritant.

SENSITIZATION

Exposure may cause an allergic skin reaction. Sensitive individuals may develop respiratory sensitization with asthma or bronchitis like symptoms.

- VIII - FIRST AID MEASURES -

SKIN CONTACT

Wash thoroughly with soap and water. Remove contaminated clothing.

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. Get medical help immediately.

INGESTION

Dilute by drinking 2 glasses of water if conscious. Induce vomiting if conscious. Call for prompt medical attention.

- IX - PREVENTIVE MEASURES -

SPILL OR LEAK PROCEDURES

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.

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).

Nitrile, neoprene or rubber gloves and long sleeves should be worn to prevent skin contact. Chemical goggles should be worn to prevent eye contact. Do not wear contact lenses.

Safety shower and eye bath should be available. Approved barrier creams may be used as skin protection.

#### VENTILATION AND ENGINEERING CONTROLS

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

#### TRANSPORTATION, STORAGE, AND HANDLING PROCEDURES

Contaminated rags may catch fire spontaneously. Store under water in a closed container before cleaning.

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.