

AMERCOAT®

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 220 NEUTRAL TINT BASE
 Product Code : A33496
 Product Class : WATERBORNE ACRYLIC
 HMIS Ratings : HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 PPE: B
 WHMIS Classification: NOT CONTROLLED
 TDG CLASSIFICATION :
 NON-REGULATED

APPROVED MATERIAL

 FEB 02 2012

 MSDS # 11121
 APPROVED BY *[Signature]*

- II - PREPARATION INFORMATION -

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 Date Prepared : 01/27/09

- III - HAZARDOUS INGREDIENTS -

	CAS Reg.No.	% by wt.	ppm-TLV-mg/m3		SOURCE
(i) Anionic Surfactants	N.AV.	0.1-1%	N.AV.	N.AV.	MFG.
(ii) Diethylene glycol monomethyl ether	00111 77 3	1.0-5%	N.AV.	N.AV.	MFG.
(iii) Furfuryl Alcohol	00098 00 0	1.0-5%	10	40	ON833/00
(iv) Sodium Nitrite	07632 00 0	0.1-1%	N.AV.	10	ACGIH

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

Notes:

- (i) - HMIRC Registration Number and date: 1180-001 02/24/89 (AN200001)
- (ii) - combustible, toxic (DI050002)
 LD50 mg/kg: 9210 , oral , Rat.
- (iii)- combustible, toxic (FU050001)
 LD50 mg/kg: 160 , oral , Mouse.
 LC50(4 hr): 233 ppm , Rat.
- (iv) - oxidizer, toxic (SO050001)
 LD50 mg/kg: 85 , oral , Rat.

- IV - PHYSICAL DATA -

ODOUR AND APPEARANCE: Characteristic odor of solvents present.
 VOLATILE BY VOLUME : 64.40%

SPECIFIC GRAVITY : 1.027
EVAPORATION RATE : SLOWER than N'Butyl Acetate.
FLASHPOINT : 95 Degrees Centigrade (SETAFLASH CC)
LEL : 1.7
STABILITY : STABLE
HAZ. POLYMERIZATION : WILL NOT OCCUR.
VOC (gm/lit) : 52.8 (water in)
VOC (gm/lit) : 128.4 (water out)

- V - FIRE AND EXPLOSION HAZARD -

Most water thinned industrial coatings contain a certain amount of organic cosolvent. This can understandably lead to concern regarding the flammability of the completed product. In some cases, particularly with closed cup flash point testing, as used at Allcolour, it is possible to obtain an apparent "flash". Because of these concerns, the National Paint and Coatings Association, Washington, D.C., commissioned the Factory Mutual Research Corporation to conduct tests. It was concluded that, under the test conditions, the water borne coating presented no hazard. It was also concluded that results obtained from laboratory flash point tests such as Pensky-Martens, Tag and Setaflash, etc., are not a representative indication of the fire hazard of water borne coatings.

EXTINGUISHING METHOD

Extinguish with carbon dioxide, foam, dry chemical, or water spray.

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

Combustible; material will ignite readily when heated to temperatures above ambient. Avoid use in the vicinity of sparks, static, or any ignition source. 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.

Nitrates and nitrites are strong oxidizers. Contact with combustible material will encourage fire.

Sodium nitrate and nitrite can be explosive with shock, friction or heat, (over 1000 F).

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, oxidizable material, (reducing agents), amines, oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS

See Section 5D for Hazardous Combustion Products.

HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID
Furfuryl alcohol can polymerize on contact with strong acids.

- VII - TOXICOLOGICAL PROPERTIES -

ACUTE EFFECTS OF OVEREXPOSURE

SKIN CONTACT:

Irritating on contact.
Contains an ingredient which may be absorbed through the skin. See ingestion for symptoms.
Repeated or prolonged exposure may cause dry skin and dermatitis.

EYE CONTACT:

Liquid is irritating when splashed directly into 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).
Ingestion of large doses of nitrites can produce cyanosis marked by a fall in blood pressure, uneven heart action, tremors, and nausea.

CHRONIC EFFECTS OF OVEREXPOSURE

None known.

IRRITANCY

Product is a moderate eye and skin irritant.

SENSITIZATION

Product is essentially nonsensitizing.

- 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 -

SPELL 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).

Safety shower and eye bath should be available.

VENTILATION AND ENGINEERING CONTROLS

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

General mechanical ventilation should be adequate when good housekeeping and hygiene practices are used.

TRANSPORTATION, STORAGE, AND HANDLING PROCEDURES

Use good housekeeping practices to avoid accidental ingestion. Keep away from food and feed products. Wash thoroughly after handling, and before eating or smoking.

Avoid skin contact. Protect your eyes.

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

Store in a cool, dry, well ventilated area.