

M A T E R I A L S A F E T Y D A T A S H E E T

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: CLOVATAR 22 COAL TAR EPOXY - B

Identification Number: 83022A

Product Use: PAINT

WHMIS Class: B2 D2A D2B

MANUFACTURER:

SUPPLIER:

Cloverdale Paint Inc.

Cloverdale Paint Inc.

50 PANET ROAD

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WINNIPEG, MB

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R2J 0R9 204/237-0241

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PREPARED BY: Mr Robert Tinsley, 204-237-0241

DATE: 06/07/13

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. PERCENT RANGE	EXPOSURE LIMIT	LC50	LD50
MAGNESIUM SILICATE (TALC)	13776-74-4	10.0-30.0	5 mg/m3 DUST	N/AV	N/AV
CALCIUM CARBONATE	471-34-1	10.0-30.0	5 mg/m3 DUST	N/AV	6450 MG/KG RAT
BISPHENOL A DIGLYCIDYL ETHER	25068-38-6	10.0-30.0	NO INFO	N/AV	N/AV
COAL TAR PITCH	65996-93-2	10.0-30.0	0.2 MG/M3	1000 MG/L FISH	15000 MG/KG RAT
ALKYL GLYCIDYL ETHER	68609-97-2	1.0-5.0	NO INFO	N/AV	>19.2 G/KG RAT
XYLENE; MIXED ISOMERS	1330-20-7	5.0-10.0	100 ppm	5000 PPM RAT	4G/KG RAT ORAL
METHYL ETHYL KETONE	78-93-3	1.0-5.0	200 ppm	2000 PPM RAT	2737 MG/KG RAT
N-BUTYL ALCOHOL	71-36-3	1.0-5.0	100 ppm	8000 PPM RAT	790 MG/KG RAT
ORGANOPHILIC CLAY	121888-68-4	1.0-5.0	5 mg/m3 DUST	N/AV	N/AV
ETHYLBENZENE	100-41-4	1.0-5.0	100 ppm	>4000 PPM RAT	3.5 G/KG RAT

N.A. - NOT APPLICABLE

SECTION III - PHYSICAL DATA

BOILING RANGE	: 79-360 C	VAPOR DENSITY	: IS HEAVIER THAN AIR
ODOR	: AROMATIC	EVAPORATION RATE:	IS FASTER THAN BUTYL ACETATE
APPEARANCE	: BLACK LIQUID	SOLUBILITY	: 2% WATER SOLUBLE
VOLATILE BY WEIGHT:	13.8%	SPECIFIC GRAVITY:	1.433
VOLATILE BY VOLUME:	23.5%	FREEZING POINT	: -40 C
PH @ 0.00 %	: 7.0		
VAPOR PRESSURE	: 77.5 mm Hg		

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SECTION IV - FIRE AND EXPLOSION DATA
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FLASH POINT: -6 C
(TAGLIABUE C. C.)
CLASS 3, DIVISION 1

LEL: 1.0%
UEL: 11.5%

EXTINGUISHING MEDIA: DRY CHEMICAL CARBON DIOXIDE FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: FLAMMABLE LIQUID (FLASH POINT LESS THAN 100 F/38 C). MAY FORM FLAMMABLE MIXTURES. VAPORS MAY BE EXPLOSIVE IN AIR. ELIMINATE IGNITION SOURCES. GROUND ALL EQUIPMENT. KEEP CONTAINER CLOSED. DO NOT PUNCTURE, INCINERATE, BURN, OR STORE ABOVE 45 C.

SPECIAL FIREFIGHTING PROCEDURES: FIREFIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL NEARBY CONTAINERS AND STRUCTURES EXPOSED TO FIRE.

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SECTION V - HEALTH HAZARD DATA
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EFFECTS OF OVER EXPOSURE: *** INHALATION: VAPORS MAY BE IRRITATING. EXPOSURE TO HIGH VAPOR CONCENTRATIONS MAY CAUSE HEADACHES, DIZZINESS, NAUSEA, AND CENTRAL NERVOUS SYSTEM DEPRESSION. PROLONGED EXPOSURE TO HIGH VAPOR CONCENTRATIONS MAY CAUSE UNCONSCIOUSNESS OR DEATH. *** INGESTION: MODERATELY TOXIC. HARMFUL IF SWALLOWED. SWALLOWING LARGE QUANTITIES CAUSES HEADACHES, NAUSEA, VOMITING, AND CENTRAL NERVOUS SYSTEM DEPRESSION. SMALL AMOUNTS OF LIQUID DRAWN INTO THE LUNGS FROM SWALLOWING OR VOMITING MAY CAUSE SEVERE HEALTH AFFECTS (E.G.PULMONARY EDEMA). *** SKIN: CAN CAUSE MODERATE IRRITATION. CAN CAUSE DEFATTING AND DERMATITIS. PROLONGED EXPOSURE MAY CAUSE SKIN SENSITIZATION. CAN CAUSE CHEMICAL BURNS. CAN BE ABSORBED THROUGH THE SKIN CAUSING A HEALTH HAZARD. *** EYES: VAPORS MAY IRRITATE. LIQUID AND MISTS WILL IRRITATE AND MAY BURN THE EYES. *** CHRONIC AFFECTS OF OVEREXPOSURE: REPEATED OR PROLONGED EXPOSURES MAY CAUSE SKIN AND/OR RESPIRATORY SENSITIZATION. REPEATED OR PROLONGED EXPOSURES MAY CAUSE LIVER, KIDNEY, AND/OR NEURAL DYSFUNCTION. REPEATED OR PROLONGED EXPOSURES MAY CAUSE DELAYED EFFECTS INVOLVING BLOOD, GASTRO-INTESTINAL, NERVOUS AND/OR REPRODUCTIVE SYSTEMS. PROLONGED AND REPEATED EXPOSURES MAY CAUSE TOXIC EFFECTS. PROLONGED AND REPEATED EXPOSURES MAY CREATE A CANCER RISK. ETHYL BENZENE HAS BEEN CLASSIFIED BY THE IARC AS A GROUP 2B SUBSTANCE ON THE BASIS OF SUFFICIENT EVIDENCE FOR CARCINOGENICITY IN LABORATORY ANIMALS BUT INADEQUATE EVIDENCE FOR CANCER IN HUMANS. HIGH EXPOSURES TO XYLENES IN SOME ANIMAL STUDIES HAVE BEEN REPORTED TO CAUSE HEALTH EFFECTS ON THE DEVELOPING EMBRYO/FETUS. THESE EFFECTS WERE OFTEN AT LEVELS TOXIC TO THE MOTHER. THE SIGNIFICANCE OF THESE FINDINGS TO HUMANS HAS NOT BEEN DETERMINED. IARC GROUP 1: SUFFICIENT EVIDENCE OF CARCINOGENICITY IN HUMANS CAUSED BY COAL TAR PITCH. AVAILABLE DATA CHARACTERIZES COAL TAR PITCH AS A MUTAGEN. CALIFORNIA PROPOSITION 65 MATERIAL: COAL TAR PITCH CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, & OTHER REPRODUCTIVE HARM

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: SKIN DISORDERS. EYE DISORDERS. CENTRAL NERVOUS SYSTEM DISORDERS. CHRONIC RESPIRATORY DISORDERS.

PRIMARY ROUTE(S) OF ENTRY: INHALATION DERMAL INGESTION

EMERGENCY AND FIRST AID PROCEDURES: *** INHALATION: REMOVE TO FRESH AIR. ASSIST BREATHING IF NECESSARY. KEEP VICTIM WARM AND QUIET. SEEK MEDICAL ATTENTION. *** INGESTION: DO NOT INDUCE VOMITING OR GIVE FLUIDS. KEEP AT REST. GET PROMPT MEDICAL ATTENTION. IF VOMITING OCCURS, KEEP VICTIM'S HEAD BELOW HIPS TO PREVENT ASPIRATION INTO THE LUNGS. *** SKIN: WASH THOROUGHLY WITH SOAP AND WATER AND RINSE WITH WATER FOR AT LEAST 15 MINUTES.

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SECTION V - HEALTH HAZARD DATA

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CONSULT A PHYSICIAN IF IRRITATION DEVELOPS. *** EYES: FLUSH WITH CLEAN WATER FOR AT LEAST 15 MINUTES AND IMMEDIATELY GET MEDICAL ATTENTION.

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SECTION VI - REACTIVITY DATA

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STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON. OXIDES OF NITROGEN. TOXIC FUMES AND SMOKE. FLAMMABLE FUMES.

CONDITIONS TO AVOID: HEAT, SPARKS OR FLAME.

INCOMPATIBILITY: OXIDIZING AGENTS. ACIDS. ALKALIES. AMINES. CYANIDES, ISOCYANATES. SULFIDES. ALDEHYDES. HALOGENS. CHLORINATED COMPOUNDS.

SENSITIVITY TO STATIC DISCHARGE: TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.

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SECTION VII - SPILL OR LEAK PROCEDURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ELIMINATE IGNITION SOURCES. STOP SOURCE OF SPILL. VENTILATE AREA. EVACUATE ALL NON ESSENTIAL PERSONNEL. WEAR APPROPRIATE PROTECTIVE EQUIPMENT. DIKE SPILL TO KEEP FROM SPREADING. COVER WITH INERT ABSORBENT. REMOVE TO DISPOSAL CONTAINER.

WASTE DISPOSAL METHOD: DO NOT CONTAMINATE ANY LAKES, PONDS, STREAMS, OR UNDERGROUND WATER SUPPLIES. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS IN YOUR AREA.

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SECTION VIII - SAFE HANDLING AND USE INFORMATION

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RESPIRATORY PROTECTION: USE A COMBINATION ORGANIC VAPOR/TOXIC PARTICULATE HIGH EFFICIENCY FILTER RESPIRATOR. FOR HIGH CONCENTRATIONS, USE AIR SUPPLIED RESPIRATOR.

VENTILATION: EFFICIENT LOCAL EXHAUST VENTILATION IS REQUIRED. USE EXPLOSION PROOF VENTILATION EQUIPMENT.

PROTECTIVE GLOVES: WEAR APPROPRIATE CHEMICAL RESISTANT GLOVES/CLOTHING TO PREVENT SKIN CONTACT.

EYE PROTECTION: DO NOT GET IN EYES. WEAR SAFETY GLASSES/GOGGLES OR A FACE SHIELD.

OTHER PROTECTIVE EQUIPMENT: IMPERMEABLE APRON AND BOOTS. EYE BATH AND SAFETY SHOWER.

HYGENIC PRACTICES: DO NOT GET IN EYES, SKIN OR CLOTHING. AVOID INHALING. DO NOT SWALLOW. KEEP AWAY FROM FOOD PRODUCTS. WASH HANDS THOROUGHLY AFTER HANDLING. CHANGE AND WASH CONTAMINATED CLOTHING.

SPECIAL SHIPPING INFORMATION: PAINT. FLAMMABLE LIQUID CLASS:3 UN#1263
PACKING GROUP II. CANUTEC 24 HOUR EMERGENCY NUMBER: (613) 996-6666

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SECTION IX - SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN A COOL, DRY, WELL VENTILATED AREA, AWAY FROM ALL INCOMPATIBLE MATERIALS. KEEP AWAY FROM HEAT, SPARKS AND FLAME. KEEP CONTAINER CLOSED. GROUND ALL EQUIPMENT.

OTHER PRECAUTIONS: DO NOT USE PRESSURE TO EMPTY CONTAINERS. DO NOT CUT, GRIND, WELD OR DRILL ON OR NEAR THIS CONTAINER. CONTAINERS WILL RETAIN PRODUCT RESIDUES AND VAPORS. HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL.

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SECTION X - HMIS INFORMATION

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HMIS: HEALTH: 2 FLAMMABILITY: 3 REACTIVITY: 0 PERSONAL PROTECTION: K

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