

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 ACTIVATOR

Identification Number: 83022B

Product Use: PAINT ADDITIVE

WHMIS Class: B2 D1BD2AE

MANUFACTURER:

SUPPLIER:

Cloverdale Paint Inc.

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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: 07/11/13

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. PERCENT RANGE	EXPOSURE LIMIT	LC50	LD50
POLYAMIDE RESIN	68082-29-1	60.0-100.0	NO INFO	N/AV	N/AV
METHYL ETHYL KETONE	78-93-3	10.0-30.0	200 ppm	2000 PPM RAT	2737 MG/KG RAT
DIMETHYLAMINOMETHYL PHENOL	90-72-2	10.0-30.0	NO INFO	N/AV	1200 MG/KG RAT
TRIETHYLENE TETRAMINE	112-24-3	5.0-10.0	NO INFO	N/AV	2.5 G/KG RAT

N.A. - NOT APPLICABLE

SECTION III - PHYSICAL DATA

BOILING RANGE : 79-248 C VAPOR DENSITY : IS HEAVIER THAN AIR
 ODOR : AMINE ODOUR EVAPORATION RATE: IS FASTER THAN BUTYL ACETATE

APPEARANCE : CLEAR LIQUID

VOLATILE BY WEIGHT: 18.7% SOLUBILITY : NEGLIGIBLE

VOLATILE BY VOLUME: 21.5% SPECIFIC GRAVITY: 0.925

PH @ 0.00 % : 7.0 FREEZING POINT : -40 C

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: 1.4%
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.

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 AND MISTS ARE EXTREMELY CORROSIVE. BRONCHITIS, PULMONARY EDEMA, AND CHEMICAL PNEUMONITIS MAY OCCUR. *** INGESTION: HIGHLY TOXIC. MAY BE FATAL. SWALLOWING LARGE QUANTITIES CAUSES HEADACHES, NAUSEA, VOMITING, AND CENTRAL NERVOUS SYSTEM DEPRESSION. VAPORS, MISTS, AND LIQUID ARE CORROSIVE. SWALLOWING CAN CAUSE DEATH. SMALL AMOUNTS OF LIQUID DRAWN INTO THE LUNGS FROM SWALLOWING OR VOMITING MAY CAUSE SEVERE HEALTH AFFECTS (E.G. PULMONARY EDEMA). *** SKIN: VAPORS, MISTS AND LIQUID ARE EXTREMELY CORROSIVE. CAN CAUSE DEFATTING AND DERMATITIS. CAN CAUSE CHEMICAL BURNS. CAN BE ABSORBED THROUGH THE SKIN CAUSING A HEALTH HAZARD. *** EYES: VAPORS, LIQUID AND MISTS ARE EXTREMELY CORROSIVE. BRIEF CONTACT WILL BE SEVERELY IRRITATING AND MAY DAMAGE THE EYES AND CAUSE PERMANENT INJURY OR BLINDNESS. *** 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.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: ALLERGIES. SKIN DISORDERS. EYE DISORDERS. LIVER DISORDERS. KIDNEY DISORDERS. CHRONIC RESPIRATORY DISORDERS.

PRIMARY ROUTE(S) OF ENTRY: INHALATION DERMAL

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: FLUSH CONTAMINATED SKIN WITH WATER. GET PROMPT MEDICAL ATTENTION. *** 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. 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 CHEMICAL 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. DISCARD CONTAMINATED SHOES.

SPECIAL SHIPPING INFORMATION: RESIN SOLUTION. FLAMMABLE LIQUID CLASS:3 UN#1866
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: (s0B 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: 3 FLAMMABILITY: 3 REACTIVITY: 0 PERSONAL PROTECTION: K
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