

PRODUCT NAME: A4185 BLACK S/G ENAMEL  
 PRODUCT CODE: LS-1103

HMIS CODES: H F R P  
 2 3 0 I

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 SECTION I - MANUFACTURER IDENTIFICATION  
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MANUFACTURER'S NAME: CANSTO COATINGS, LTD  
 ADDRESS : 9320 WOODLAND AVENUE  
 CLEVELAND, OHIO 44104

EMERGENCY PHONE : 1-800-424-9300      DATE PRINTED : 2/22/2011  
 INFORMATION PHONE : 216-231-6115      NAME OF PREPARER : MELISSA

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 SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION  
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REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
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TOLUENE	108-88-3	.0001 PA 20C 22      68 F	25.5
OSHA TWA: 200 ppm, ACGIH TWA: 50 ppm			
ISOBUTYL ACETATE	110-19-0	16.6      20 C	19.72
OSHA PEL: 150 ppm, ACGIH TLV: 150 ppm			
TERT BUTYL ACETATE	540-88-5	-41.5      25 C	11.83
OSHA PEL 200PPM, ACGIH TLV 200 PPM			
* XYLENE	1330-20-7	9 mmHG      25 C	2.01
OSHA TWA: 100ppm, ACGIH TWA: 150ppm			
CARBON BLACK	1333-86-4	N/A	1.66
PRIMARY AMYL ACETATE**	628-63-7	4.1      68 F	.12
OSHA PEL: 100PPM, ACGIH TLV: 100PPM			

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 SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS  
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BOILING RANGE: 118 C - 350 C      SPECIFIC GRAVITY (H2O=1): .96  
 VAPOR DENSITY: HEAVIER THAN AIR      EVAPORATION RATE: SLOWER THAN ETHER  
 COATING V.O.C.: 4.38 lb/gl      MATERIAL V.O.C.: 3.8 lb/gl  
 SOLUBILITY IN WATER: NO  
 APPEARANCE AND ODOR: BLACK LIQUID / STRONG SOLVENT

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 SECTION IV - FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT: 21 C      METHOD USED: TCC  
 FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: -1.26      UPPER: 10.1

EXTINGUISHING MEDIA:  
 FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES  
 WATER SPRAY MAY BE INEFFECTIVE. USE FOG NOZZLES. COOL FIRE EXPOSED CONTAINERS WITH WATER.

UNUSUAL FIRE AND EXPLOSION HAZARDS  
 KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. DO NOT APPLY TO HOT SURFACES.

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 SECTION V - REACTIVITY DATA  
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**STABILITY:**

STABLE UNDER RECOMMENDED HANDLING AND STORAGE CONDITIONS.

**CONDITIONS TO AVOID**

HIGH TEMPERATURES

**INCOMPATIBILITY (MATERIALS TO AVOID)**

NA

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

**HAZARDOUS POLYMERIZATION:**

WILL NOT OCCUR.

===== SECTION VI - HEALTH HAZARD DATA =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

INHALATION: SLIGHTLY IRRITATING TO RESPIRATORY SYSTEM. VAPOURS MAY CAUSE DROWSINESS AND DIZZINESS.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

SKIN OR EYE CONTACT - PRIMARY MILD IRRITATION WITH POSSIBLE TEARING, REDNESS, ITCHING OR BURNING SENSATION.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

THIS PRODUCT MAY CAUSE SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE TO THIS MATERIAL MAY CAUSE REDNESS AND BURNING, DRYING AND CRACKING OF THE SKIN AND DERMATITIS. PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN OR POISON CONTROL CENTER.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

NONE KNOWN

**CARCINOGENICITY:** NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

ANY MEDICAL CONDITION, ALLERGY OR SENSITIZATION CAN BECOME WORSE UPON EXPOSURE.

**EMERGENCY AND FIRST AID PROCEDURES**

FUMES-REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. NOTIFY A PHYSICIAN. INGESTION-DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN OR POISON CONTROL CENTER. EYES-FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. SEE A PHYSICIAN. SKIN-WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

REMOVE ALL SOURCES OF IGNITION. VENTILATE AREA. REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

**WASTE DISPOSAL METHOD**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

DO NOT STORE ABOVE 120F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS LIQUIDS. GROUND CONTAINERS WHEN POURING. AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES. DO NOT FLAME CUT, BRAZE OR WELD.

**OTHER PRECAUTIONS**

CALIFORNIA PROPOSITION 65 CONTAINS - BENZENE - ALL COMPONENTS IN THIS PRODUCT HAVE BEEN VERIFIED AS BEING ON THE TSCA INVENTORY AND THE CANADIAN DSL.

===== SECTION VIII - CONTROL MEASURES =====

**RESPIRATORY PROTECTION**

USE AN APPROVED RESPIRATOR IF EXPOSURE EXCEEDS PEL LIMITS.

**VENTILATION**

IN RESTRICTED VENTILATION AREAS USE BUREAU OF MINES APPROVED CHEMICAL MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICULATE AND GAS AND VAPOR. IN CONFINED AREAS USE BUREAU OF MINES APPROVED AIR LINE TYPE RESPIRATORS.

**PROTECTIVE GLOVES**

WEAR RESISTANT GLOVES SUCH AS: NATURAL RUBBER, OR NEOPRENE

**EYE PROTECTION**

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATION

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

**WORK/HYGIENIC PRACTICES**

WASH HANDS BEFORE EATING OR USING THE WASHROOMS, SMOKE IN SMOKING AREAS ONLY.

===== SECTION IX - DISCLAIMER =====

WE BELIEVE THE INFORMATION CONTAINED IN THIS MSDS IS CORRECT AS OF THIS DATE HOWEVER BECAUSE THE MATERIAL MAY BE USED UNDER CONDITIONS OVER WHICH WE HAVE NO CONTROL WE GIVE NO WARRANTY AND ASSUME NO RESPONSIBILITY FOR ANY DAMAGE TO PERSON PROPERTY OR BUSINESS ARISING FROM SUCH USE IT IS THE RESPONSIBILITY OF THE USER TO ENSURE IT IS PROPERLY USED. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.