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MATERIAL SAFETY DATA SHEET

Page 1

ICI CANADA INC.
8200 KEELE STREET
CONCORD, ONTARIO; L4K 2A5
CANADA

PRODUCT: 09306-18500 YELLOW MARKING PAINT



Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER ..... MANUFACTURED FOR:
ICI CANADA INC.
8200 KEELE STREET
CONCORD
ONTARIO
CANADA
L4K 2A5
905-669-1020
PRODUCT NAME ..... 09306-18500 YELLOW MARKING PAINT
CHEMICAL FAMILY ..... ALKYD BASED COATING.
MOLECULAR WEIGHT ..... NOT APPLICABLE.
CHEMICAL FORMULA ..... MIXTURE.
TRADE NAMES & SYNONYMS ..... 09306-18500 YELLOW MARKING PAINT
PRODUCT USES ..... COATING.
FORMULA/LAB BOOK # ..... 99-37389A.

APPROVED MATERIAL
SEP 05 2012
MSDS # 11189
APPROVED BY [Signature]

Section 02: COMPOSITION/INFORMATION INGREDIENTS

Table with 6 columns: Hazardous Ingredients, %, Exposure Limit, C.A.S.#, LD/50, Route, Species, LC/50 Route, Species. Lists ingredients like HEPTANE, ACETONE, XYLENE, ETHYLBENZENE, TOLUENE, VM&P NAPHTHA, ETHYLENE GLYCOL MONOETHYL ETHER ACETATE, CALCIUM CARBONATE, ISOBUTANE, PROPANE.

Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:
INGESTION ..... MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.
INHALATION ..... INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLANT IS A SIMPLE ASPHYXIANT.
EYE CONTACT ..... MAY CAUSE IRRITATION.
SKIN ABSORPTION ..... NO DATA AVAILABLE FOR THIS PRODUCT MIXTURE.
SKIN CONTACT ..... MAY CAUSE IRRITATION.
EFFECTS OF ACUTE EXPOSURE ..... DIZZINESS, NAUSEA, IRRITATION TO SKIN & EYES.
EFFECTS OF CHRONIC EXPOSURE ..... SOLVENTS MAY CAUSE DEFATTING DERMATITIS
EXPOSURE LIMIT OF MATERIAL ..... SEE SECTION 2.

Section 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE ..... IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPOUR OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED; DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION.

Section 05: FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE (°C) ..... 480-527.
SPECIAL PROCEDURES ..... WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.
FLAMMABILITY ..... EXTREMELY FLAMMABLE.

**PRODUCT: 09306-18500 YELLOW MARKING PAINT****Section 05: FIRE FIGHTING MEASURES**

IF YES, UNDER WHICH CONDITIONS?.....	EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
EXTINGUISHING MEDIA.....	WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
UPPER FLAMMABLE LIMIT.....	12.8.
(% BY VOLUME)	
LOWER FLAMMABLE LIMIT.....	0.9.
(% BY VOLUME)	
EXPLOSION DATA	
SENSITIVITY TO STATIC DISCHARGE.....	NOT APPLICABLE.
SENSITIVITY TO IMPACT.....	NOT APPLICABLE.
HAZARDOUS COMBUSTION PRODUCTS.....	HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
AEROSOL FLAME PROJECTION CLASSIFIED AS:.....	>45cm BUT <100cm.
FLASHBACK.....	NONE.
FLASH POINT(°C), TAG CLOSED-CUP (CONCENTRATE).....	LOWEST KNOWN VALUE IS ACETONE @-18C.

**Section 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL.....	REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.
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**Section 07: HANDLING AND STORAGE**

STORAGE NEEDS.....	KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
ENGINEERING CONTROLS.....	VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).
HANDLING PROCEDURES AND EQUIPMENT.....	STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
SYNERGISTIC MATERIALS.....	NONE KNOWN.

**Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION**

GLOVES/ TYPE.....	WEAR CHEMICAL RESISTANT GLOVES.
RESPIRATORY/TYPE.....	IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE RESPIRATOR (NIOSH/MSHATC 23C OR EQUIVALENT) IS RECOMMENDED.
EYE/TYPE.....	SAFETY GLASSES.
FOOTWEAR/TYPE.....	NOT NORMALLY REQUIRED.
OTHER/TYPE.....	NOT REQUIRED.

**Section 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE.....	AEROSOL.
APPEARANCE.....	YELLOW.
ODOR.....	AROMATIC ODOR.
ODOR THRESHOLD.....	NOT AVAILABLE.
VAPOUR PRESSURE(PSIG)-AEROSOL.....	50-60.
@ 20 C	
BOILING POINT (°C)(CONC).....	92-150.
EVAPORATION RATE.....	GREATER THAN 1.
n-BUTYL ACETATE = 1	
VAPOUR DENSITY (AIR=1).....	GREATER THAN 1.
(BY WEIGHT)	
SOLUBILITY IN WATER g/L (20°C).....	SLIGHTLY SOLUBLE.
pH.....	8.8-9.2.
SPECIFIC GRAVITY (LIQUID).....	0.97 - 1.02.
COEFFICIENT OF WATER/OIL DIST.....	NOT AVAILABLE.
FREEZING POINT: (°C).....	NOT AVAILABLE.
SPECIFIC GRAVITY (AEROSOL).....	0.80-0.84.
AEROSOL PERCENT VOLATILE.....	75-80.
(BY WEIGHT).	

**Section 10: STABILITY AND REACTIVITY**

HAZARDOUS PRODUCTS OF DECOMPOSITION.....	HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
CHEMICAL STABILITY:	
YES.....	UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?.....	NOT APPLICABLE.
COMPATIBILITY WITH OTHER SUBSTANCES:	
NO, WHICH ONES?.....	STRONG OXIDIZING AGENTS.
REACTIVITY CONDITIONS?.....	NOT APPLICABLE.
HAZARDOUS POLYMERIZATION.....	WILL NOT OCCUR.

**Section 11: TOXICOLOGICAL INFORMATION**

REPRODUCTIVE EFFECTS.....	TOLUENE - PROLONGED AND REPEATED EXPOSURE OF PREGNANT ANIMALS TO TOLUENE (LEVELS GREATER THAN APPROXIMATELY 1500 ppm) HAS BEEN REPORTED TO CAUSE ADVERSE FETAL DEVELOPMENTAL EFFECTS. XYLENE - HIGH EXPOSURES TO XYLENE IN
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**PRODUCT: 09306-18500 YELLOW MARKING PAINT****Section 11: TOXICOLOGICAL INFORMATION**

REPRODUCTIVE EFFECTS..... SOME ANIMAL STUDIES, OFTEN AT LEVELS TOXIC TO THE MOTHER, AFFECTED EMBRYO/FETAL DEVELOPMENT. THE SIGNIFICANCE OF THIS FINDING TO HUMANS IS NOT KNOWN. ANIMALS AT DOSES WHICH ARE MATERNALLY TOXIC. DOES NOT IMPAIR FERTILITY.

IRRITANCY OF MATERIAL..... SKIN/EYE IRRITANT.

SENSITIZING CAPABILITY OF MATERIAL..... UNKNOWN.

CARCINOGENICITY/MUTAGENICITY..... XYLENE - THIS PRODUCT CONTAINS ETHYLBENZENE (ETHYLBENZENE IS IN XYLENE). ETHYLBENZENE HAS BEEN SHOWN TO CAUSE CANCER IN LABORATORY ANIMALS. TOXICITY TESTS CARRIED OUT FOR CHRONIC EFFECTS AND MUTAGENICITY HAVE BEEN NEGATIVE. THE RELEVANCE OF THIS FINDING TO HUMANS IS UNCERTAIN. IARC HAS CLASSIFIED ETHYLBENZENE AS A POSSIBLE HUMAN CARCINOGEN.

TERATOGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.

**Section 12: ECOLOGICAL CONSIDERATIONS**

ENVIRONMENTAL..... NOT AVAILABLE.

**Section 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

**Section 14: TRANSPORTATION INFORMATION**

D.O.T. CLASSIFICATION..... CONSUMER COMMODITY, ORM-D.

T.D.G. CLASSIFICATION..... AEROSOL LIMITED QUANTITY: CLASS 2.1, UN 1950.

**Section 15: REGULATORY INFORMATION****CANADIAN REGULATIONS:**

WHMIS CLASSIFICATION..... A, B5, D2A, D2B.

CNFC SECTION 3.3.5..... LEVEL 2.

CEPA (Canadian Environmental Protection Act) ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

**U.S. REGULATIONS:**

HMIS RATING HEALTH..... 2 MODERATE HAZARD.

HMIS RATING FLAMMABILITY..... 3 SERIOUS HAZARD.

HMIS RATING REACTIVITY..... 0 MINIMAL HAZARD.

NFPA CODE 30B..... LEVEL 2.

HMIS RATING PERSONAL PROTECTION..... B.

SARA 313 INFORMATION: THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

CAS #:	CHEMICAL NAME:
*108-88-3	TOLUENE
*1330-20-7	XYLENE
*100-41-4	ETHYL BENZENE

CALIFORNIA PROPOSITION 65: THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:

WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

CAS #:	CHEMICAL NAME:
*100-41-4	ETHYL BENZENE IN XYLENE
*71-43-2	BENZENE ( TRACE AMOUNT IN HEPTANE )

TSCA (Toxic Substances Control Act)..... ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.

V.O.C.(M.I.R.)..... COMPLIES WITH TRAFFIC PAINT / MARKING PAINT CATEGORY <1.2 g ozone / g product.

**Section 16: OTHER INFORMATION**

NOTICE FROM ICI CANADA INC ..... THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY ICI CANADA INC. FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. ICI CANADA INC. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.

PREPARED BY..... TECHNICAL SERVICES

PREPARATION DATE ..... Jan14/11