



CANADA COLORS AND CHEMICALS LTD
80 SCARSDALE ROAD
DON MILLS, ONTARIO, CANADA M3B 2R7

PRODUCT: BLACK MB 20-8282

CODE: M278282

Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER/SUPPLIER..... CCC PLASTICS
PURDY ROAD, P.O. BOX 10
COLBORNE, ONTARIO
CANADA
K0K 1S0
1-800-465-6917
PREPARED BY..... ENVIRONMENTAL & REGULATORY AFFAIRS DEPT.
PREPARATION DATE..... Oct05/07
PRODUCT NAME..... BLACK MB 20-8282
PRODUCT CODE..... M278282
CHEMICAL FORMULA..... COPOLYMER.
CHEMICAL FAMILY..... POLYETHYLENE.
MATERIAL USE..... PLASTICS.
EMERGENCY PHONE NO..... (416)-444-2112.

Section 02: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route, Species	LC/50 Route, Species
CARBON BLACK	40-70	3.5 MG/M3/8 HR TWA	1333-86-4	N.AV.	N.AV.

Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:
SKIN CONTACT..... ESSENTIALLY NON-IRRITATING TO SKIN. POSSIBLE MECHANICAL INJURY ONLY.
MOLTEN RESIN CAN CAUSE THERMAL BURNS.
SKIN ABSORPTION..... A SINGLE PROLONGED SKIN EXPOSURE IS NOT LIKELY TO RESULT IN
ABSORPTION OF HARMFUL AMOUNTS.
EYE CONTACT..... LOW HAZARD FOR USUAL INDUSTRIAL HANDLING. SOLID OR DUST MAY CAUSE
IRRITATION OR CORNEAL INJURY DUE TO MECHANICAL ACTION.
INHALATION..... VAPOURS ARE UNLIKELY DUE TO PHYSICAL PROPERTIES.
INGESTION..... MAY CAUSE CHOKING IF SWALLOWED. SINGLE DOSE ORAL TOXICITY IS
BELIEVED TO BE VERY LOW.
EFFECTS OF ACUTE EXPOSURE..... SEE ABOVE.
EFFECTS OF CHRONIC EXPOSURE..... NONE ANTICIPATED. ALL ADDITIVES ARE COMPLETELY ENCAPSULATED IN THE
PRODUCT AND AS SUCH, SHOULD NOT PRESENT A HEALTH HAZARD.

Section 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE
INSTRUCTIONS..... FLUSH EYES WITH ABUNDANT WATER. SKIN: WASH OFF IN FLOWING WATER OR
SHOWER. SKIN: IF BURNED BY CONTACT WITH MOLTEN MATERIAL, COOL AS
QUICKLY AS POSSIBLE WITH WATER AND SEE A PHYSICIAN FOR TREATMENT OF
BURN. DO NOT ATTEMPT TO PEEL POLYMER FROM SKIN. INHALATION: NO
ADVERSE EFFECTS ANTICIPATED BY THIS ROUTE OF EXPOSURE. INGESTION: NO
ADVERSE EFFECTS ANTICIPATED BY THIS ROUTE OF EXPOSURE INCIDENTAL TO
PROPER INDUSTRIAL HANDLING.
NOTES TO PHYSICIAN:..... BURNS SHOULD BE TREATED AS THERMAL BURNS. THE PLASTIC WILL COME OFF
AS HEALING OCCURS; THEREFORE, IMMEDIATE REMOVAL FROM THE SKIN IS NOT
NECESSARY.

Section 05: FIRE FIGHTING MEASURES

FLAMMABILITY..... NOT FLAMMABLE.
IF YES, UNDER WHICH CONDITIONS?
EXTINGUISHING MEDIA..... CARBON DIOXIDE, DRY CHEMICAL, FOAM. WATER FOG.
SPECIAL PROCEDURES..... WEAR FULL PROTECTIVE EQUIPMENT INCLUDING A SELF-CONTAINED
BREATHING APPARATUS.
FLASH POINT (C), METHOD..... N.AP.
AUTO IGNITION TEMPERATURE..... N.AV.
UPPER FLAMMABLE LIMIT (% BY VOL.)... N.AP.
LOWER FLAMMABLE LIMIT (% BY VOL.)... N.AP.
EXPLOSION DATA
EXPLOSIVE POWER..... N.AV.
RATE OF BURNING..... N.AV.
SENSITIVITY TO STATIC DISCHARGE..... N.AV.
SENSITIVITY TO IMPACT..... INSENSITIVE.

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Section 05: FIRE FIGHTING MEASURES

UNUSUAL FIRE AND EXPLOSION HAZARDS DENSE BLACK SMOKE EMITTED WHEN BURNED WITHOUT SUFFICIENT OXYGEN.
 HAZARDOUS COMBUSTION PRODUCTS.. HAZARDOUS COMBUSTION BY-PRODUCTS MAY INCLUDE AND ARE NOT LIMITED TO CARBON MONOXIDE, CARBON DIOXIDE.

Section 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL..... SWEEP UP TO PREVENT A SLIPPERY HAZARD. SWEEP, SHOVEL OR VACUUM SPILLED RESINS INTO A CONTAINER FOR REUSE OR DISPOSAL. AVOID DUSTING.

Section 07: HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT MECHANICAL HANDLING EQUIPMENT CAN CAUSE FORMATION OF DUSTS. DUST LAYERS SHOULD NOT BE PERMITTED TO ACCUMULATE IN ORDER TO AVOID ANY POTENTIAL FOR DUST EXPLOSION HAZARDS. HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES.
 STORAGE NEEDS..... NORMAL STORAGE CONDITIONS.

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

GLOVES/ TYPE..... RECOMMENDED.
 RESPIRATORY/TYPE..... NONE REQUIRED UNDER NORMAL OPERATING CONDITIONS. ATMOSPHERIC LEVELS SHOULD BE MAINTAINED BELOW THE EXPOSURE GUIDELINE.
 EYE/TYPE..... SAFETY GLASSES.
 FOOTWEAR/TYPE..... NO SPECIAL REQUIREMENTS.
 CLOTHING/TYPE..... NO PRECAUTIONS OTHER THAN CLEAN BODY-COVERING CLOTHING SHOULD BE NEEDED.
 OTHER/TYPE..... EYE BATH AND SAFETY SHOWER.
 ENGINEERING CONTROLS..... GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT FOR MOST CONDITIONS. LOCAL: IF DUST IS A PROBLEM.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... SOLID.
 ODOUR..... NO ODOUR.
 ODOUR THRESHOLD..... N.AP.
 VAPOUR PRESSURE (MMHG)..... N.AP.
 VAPOUR DENSITY (AIR=1)..... N.AP.
 EVAPORATION RATE..... N.AP.
 BOILING POINT..... N.AP.
 PH..... N.AP.
 SPECIFIC GRAVITY (WATER=1)..... N.AV.
 SOLUBILITY IN WATER (% W/W)..... INSOLUBLE.
 COEFFICIENT OF WATER/OIL DIST..... N.AV.

Section 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY:
 YES..... YES.
 NO, WHICH CONDITIONS?
 COMPATABILITY WITH OTHER SUBSTANCES:
 YES..... YES.
 NO, WHICH ONES?
 HAZARDOUS PRODUCTS OF DECOMPOSITION DECOMPOSITION PRODUCTS DEPEND ON TEMPERATURE, OTHER MATERIALS PRESENT AND AIR SUPPLY. DURING THERMAL PROCESSING THIS MATERIAL CAN DEGRADE TO PRODUCE TRACE HYDROCARBONS, ALDEHYDES, ORGANIC ACIDS, AND ALCOHOLS IN LIMITED QUANTITIES. COMPLETE COMBUSTION RESULTS IN CARBON DIOXIDE AND WATER.
 HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.

Section 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL..... NOT ESTABLISHED.
 LC 50 OF MATERIAL, SPECIES & ROUTE.. N.AV.
 LD 50 OF MATERIAL, SPECIES & ROUTE.. N.AV.
 CARCINOGENICITY OF MATERIAL..... REFER TO ADDITIONAL COMMENTS.
 ADDITIONAL COMMENTS:..... CARBON BLACK HAS BEEN EVALUATED BY IARC AS POSSIBLE CARCINOGEN TO HUMAN (GROUP 2B). CARBON BLACK CONTAINED IN THIS PRODUCT IS COMPLETELY ENCAPSULATED AND AS SUCH, SHOULD NOT PRESENT A HEALTH HAZARD. CARBON BLACK HAS NOT BEEN LISTED AS CARCINOGEN BY THE NTP OR OSHA.

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Section 11: TOXICOLOGICAL INFORMATION

REPRODUCTIVE EFFECTS..... N.AV.
IRRITANCY OF MATERIAL..... NON-IRRITANT. (RABBIT: SKIN OR EYE).
SENSITIZING CAPABILITY OF MATERIAL. NONE KNOWN.
SYNERGISTIC MATERIALS..... N.AV.

Section 12: ECOLOGICAL CONSIDERATIONS**Section 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL..... IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.

Section 14: TRANSPORT INFORMATION

T.D.G. CLASSIFICATION..... NOT REGULATED.
SPECIAL SHIPPING INSTRUCTIONS..... N.AP.

Section 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION..... THIS IS NOT A CONTROLLED PRODUCT.
CPR COMPLIANCE..... THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD
CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION
REQUIRED BY THE CPR.

Section 16: OTHER INFORMATION

IARC..... INTERNATIONAL AGENCY FOR RESEARCH ON CANCER.
NIOSH..... NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH.
NTP..... NATIONAL TOXICOLOGY PROGRAM.
OSHA..... OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.
N.AP.=NOT APPLICABLE
N.AV.=NOT AVAILABLE
LABEL CODE:..... NON-CONTROLLED.