



MATERIAL SAFETY DATA SHEET

PE 90048 Black Master Batch

SECTION 1 HAZARDOUS INGREDIENTS OF MATERIAL

CHEMICAL IDENTITY	CONCENTRATION	CAS/NA/UN
CARBON BLACK	50 %	1333-86-4

SECTION 2 PREPARATION OF MATERIAL SAFETY DATA SHEET

PREPARED BYJOSE PADRON
PHONE NUMBER.....1-819-864-4284
DATE PREPARED.....JULY 18, 2008

SECTION 3 MATERIAL IDENTIFICATION AND USE

MANUFACTURED FOR..... LION POLYMERS INC.
ADDRESS.....449 Louisiana Pkwy., Corpus Christi, TX
PHONE.....1-361.881.8729
PRODUCT IDENTIFIER..... PE 90048 (MB-948)
PRODUCT USE..... plastic pigment

SECTION 4 PHYSICAL DATA OF PRODUCT

PHYSICAL STATE..... solid
ODOUR AND APPEARANCE.....typical odor and appearance of black PE
SPECIFIC GRAVITY.....1.187
COEFFICIENT OF WATER/OIL DISTRIBUTION...insoluble

SECTION 5 FIRE AND EXPLOSION HAZARD OF PRODUCT

CONDITIONS OF INFLAMMABILITY.....flammable solid; contact with combustible material may cause fire
MEANS OF EXTINCTION.....use water, dry chemical, CO₂, alcohol foam.
FLASHPOINT AND METHOD OF DETERMINATION 500 deg F ,greater than decomposes
HAZARDOUS COMBUSTION PRODUCTS.....oxygen; lean conditions may produce carbon monoxide and irritating smoke.

SECTION 6 REACTIVITY DATA

CHEMICAL STABILITY.....stable
INCOMPATIBLE MATERIAL.....strong oxidizing agents
CONDITIONS OF REACTIVITY.....none

HAZARDOUS DECOMPOSITION PRODUCTS.....we find in major part some carbon monoxide and dioxide,
due to carbon black and hydrocarbon.

SECTION 7**TOXICOLOGICAL PROPERTIES**

ROUTES OF ENTRY

SKIN CONTACT.....no hazard in normal industrial use. Exposure to hot material
may cause thermal burns.

EYES.....particulate may scratch eye surfaces causing mechanical irritation.

INHALATION.....negligible hazard at ambient temperature.

INGESTION.....caution; contains allergen products.

CHRONIC OVER EXPOSURE EFFECTS.....some components are irritating and sensitive to the skin and
eyes.

CARCINOGENECITY.....presence due to carbon.

REPRODUCTIVE EFFECTS.....none.

MUTAGENICITYnone.

SECTION 8**PREVENTIVE MEASURES**

STORAGE AND HANDLING :

Store in a cool, dry location. Handle in a well ventilated area. Local exhaust recommended. Avoid contact with skin and eyes, inhalation of dust and vapors.

ENVIRONMENTAL TOXICITY DATA :

Environmental effects have not been determined.

WASTE DISPOSAL METHOD :

In accordance with local, provincial and federal regulations. Contact regional environmental agency.

RESPIRATORY PROTECTION :

(NIOSH/MSHA) approved for dusts and organic vapors.

PROTECTIVE GLOVES :

Impervious and thermal gloves.

EYE PROTECTION :

Chemical safety goggles.

VENTILATION

Local exhaust recommended. Wear respiratory protection in the absence of adequate ventilation.

SECTION 9**FIRST AID**

EYES..Immediately flush with water for at least 15 minutes get prompt medical attention.

SKIN.....wash thoroughly with soap and water . Remove contaminated clothing and wash before re-use.
Get medical attention if irritation persists or dermatitis develops.

INHALATION.....Remove to fresh air. Aid or restore breathing if necessary. Get medical attention.

INGESTION.....Have victim rinse mouth out with water. If conscious give two glasses of water.
If vomiting occurs naturally, rinse mouth and repeat administration of water. Get medical attention.