

PLASTIC FLAMECOAT(R) SYSTEMS, INC. -- PF110-H101 BLACK -- 8010-01-414-4969

===== Product Identification =====

Product ID:PF110-H101 BLACK

MSDS Date:10/18/1994

FSC:8010

NIIN:01-414-4969

Status Code:A

MSDS Number: CKMCS

=== Responsible Party ===

Company Name:PLASTIC FLAMECOAT(R) SYSTEMS, INC.

Address:3400 WEST 7TH

City:BIG SPRING

State:TX

ZIP:79720

Country:US

Info Phone Num:800-753-5263

Emergency Phone Num:1-800-753-5263

CAGE:03FB0

=== Contractor Identification

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Company Name:PLASTIC FLAMECOAT(R) SYSTEMS, INC.

Address:3400 WEST 7TH

Box:City:BIG SPRING

State:TX

ZIP:79720

Country:US

Phone:800-753-5263

CAGE:03FB0

===== Composition/Information on Ingredients =====

Ingred Name:ETHYLENE METHACRYLIC ACID COPOLYMER

CAS:25053-53-6

Minumum % Wt:0.

Maxumum % Wt:100.

Ingred Name:RESIDUAL METHYLACRYLIC ACID

CAS:79-41-4

RTECS #:OZ2975000

= Wt:.05

ACGIH TLV:20 PPM

Ingred Name:BLACK PIGMENT

CAS:1333-86-4

RTECS #:FF5800000

Minumum % Wt:0.

Maxumu

m % Wt:10.  
OSHA PEL:3.5 MG/M3  
ACGIH TLV:3.5 MG/M3

Ingred Name:LIGHT STABILIZER  
CAS:52829-07-9  
Minumum % Wt:0.  
Maxumum % Wt:1.

Ingred Name:ANTIOCIDANT/STABILIZER  
CAS:6683-19-8  
RTECS #:DA8340900  
Minumum % Wt:0.  
Maxumum % Wt:1.

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:INHALATION: MAY CAUSE IRRITATION TO  
UPPER RESPIRATORY TRACT. SKIN: MAY CAUSE IRRITATION AND ALLERGIC  
REA  
CTION. INGESTION: NOT LIKELY. MAY CAUSE IRRITATION TO THE  
GASTROINTESTINAL TRACT. EYES: MAY CAUS E IRRITATION.  
Medical Cond Aggravated by Exposure:

===== First Aid Measures =====

First Aid:INGESTION:IF LARGE AMMOUNT SWALLOWED, GIVE SEVERAL GLASSES OF  
WATER.CONTACT MEDICAL PERSONNEL FOR FURTHER ASSISTANCE.IF  
UNCONCIOUS/CONVULSING,DO NOT GIVE ANYTHING BY MOUTH.EYE CONTACT:  
FLUSH WITH PLEN TY OF RUNNING WATER FOR AT LEAST 15 MINITUES.HOLD

THE EYELIDS APART TO ENSURE THE RINSING OF ENTIIRE SURFACE.SEEK  
MEDICAL ATTENTION IF EYE IRRITATION OCCURS.SKIN CONTACT:FLUSH ALL  
AREAS WITH PLENTY OF WATER FOR SEVERAL MINITUES. REMOVE/CLEAN  
CONTAMINATED CLOTHING/SHOES.SEEK MEDICAL ATTENTION IF SKIN  
IRRITATION OCCURS. INHALATION:REMOVE TO FRESH AIR.SEEK MEDICAL  
ATTENTION IF RESPIRATORY IRRITATION OCCURS/ BREATHING BECOMES  
DIFFICULT.

===== Fire Fighting Measures =====

Lower Limits:30

GRAMS/CM

Extinguishing Media:WATER, FOAM, CARBON DIOXIDE, DRY CHEMICALS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Fire Fighting Procedures:PRODUCTS OF COMBUSTION MAY BE TOXIC. AVOID BREATHING FUMES. FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS). INCLUDING A POSITIVE PRESSURE BREATHING APPARATUS.

Unusual Fire/Explosion Hazard

DUST CAN FORM AN EXPLOSIVE MIXTURE WITH AIR. ELIMINATION OF SOURCES OF IGNITION IS ESSENTIAL.

===== Accidental Release Measures =====

Spill Release Procedures:SWEEP UP TO AVOID SLIPPING HAZARD. USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEANUP.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL DRY PLACE. KEEP CONTAINERS CLOSED TO PREVENT CONTAMINATION AND ACCUMULATION OF MOISTURE.

Other Precautions:CARBON BLACK IS DESIGNATED A NUISANCE DUST.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE A NIOSH/MSHA APPROVED RESPIRATOR EQUIPPED WITH THE APPROPRIATE FILTER FOR PARTICULATE DUST EXPOSURE.

Ventilation:LOCAL VENTILATION SHOULD BE USED OVER PROCESSING EQUIPMENT.

Protective Gloves:PROTECTIVE GLOVES SHOULD BE USED.

Eye Protection:SAFETY GLASSES ARE RECOMMENDED.

Other Protective Equipment:LONG SLEEVE COTTON SHIRT AND PANTS ARE

RECOMMENDED TO PREVENT SKIN CONTACT.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

Boiling Pt:=80.C, 176.F

B.P. Text:176-221F

Spec Gravity:> 0.93

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK FINELY DIVIDED POWDER MILD METHACRYLIC ACID ODOR

Percent Volatiles by Volume:NEGLIGIBLE

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

Stability Condition to

Avoid:THE MATERIALS ARE NORMALLY STABLE AND  
DECOMPOSE ONLY IN EXTREME CASES SUCH AS FIRE.  
Hazardous Decomposition Products:OXIDES OF NITROGEN, CARBON AND MIXTURE  
OF ORGANIC COMPOUND ARE THE EXPECTED IN THE PRESSANCE OF LARGE  
AMMOUNTS OF AIR. CARBON MONOXIDE AND HYDROCARBON OXIDATION.-ORGANIC  
ACIDS, ALDEHYDES AND ALCOHOLS.

===== Toxicological Information =====

Toxicological Information:TOXICITY IS EXPECTED TO BE LOW BASED ON  
NEGLIGIBLE WATER SO  
LUBILITY.

===== Disposal Considerations =====

Waste Disposal Methods:PREFERED OPTIONS FOR DISPOSAL ARE (1) RECYCLING,  
(2) INCINERATION WITH ENERGY RECOVERY, AND (3) LANDFILL. THE HIGH  
FUEL VALUE OF THIS PRODUCT MAKES OPTION 2 VERY DESIRABLE FOR  
MATERIAL THAT CANNOT BE RECYCLED. TREATMENT, STORAGE,  
TRANSPORTATION AND DISPOSAL; MUST BE IN ACCORDANCE WITH FEDERAL,  
STATE AND PROVINCIAL AND LOCAL REGULATIONS.

===== Regulatory In  
formation =====

SARA Title III Information:CARBON BLACK, CAS#133-86-4, HIGHEST % BY  
WEIGHT 2.50.

State Regulatory Information:

===== Other Information =====

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