

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 Ph

one Num:1-800-753-5263

CAGE:03FB0

=== Contractor Identification ===

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 COPCLYMER

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:BLAC

K PIGMENT
CAS:1333-86-4
RTECS #:FF5800000
Minumum % Wt:0.
Maxumum % 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 RE
SPIRATORY TRACT. SKIN: MAY CAUSE IRRITATION AND ALLERGIC
REACTION. 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.

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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 QQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET W ITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS). INCLUDING A POSITIV E PRESSURE BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:DUST CAN FORM AN EXPLOSIVE MIXTURE WITH AIR. ELLIMINATION 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:SAFTEY GLASSES ARE RECOM MENDED.
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 PRESENCE OF LARGE AMOUNTS 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 SOLUBILITY.

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

Waste Disposal Methods: PREFERRED 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 Information =====

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

State Regulatory Information:

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

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