

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

Product ID:M-O-N BLACK (XX0009)

MSDS Date:02/09/1995

FSC:7510

NIIN:01-143-3243

Status Code:A

MSDS Number: CLCLX

=== Responsible Party ===

Company Name:DEXTER ELECTRONIC MATERIALS

Address:15051 EAST DON JULIAN ROAD

City:INDUSTRY

State:CA

ZIP:91746

Country:US

Info Phone Num:626-968-6511

Emergency Phone Num:(800)424-9300

Preparer's Name:VICTORIA MORI

Chemtre

c Ind/Phone:(800)424-9300

CAGE:12405

=== Contractor Identification ===

Company Name:DEXTER CORP DEXTER ELECTRONIC MATERIALS DIV

Address:15051 E DON JULIAN RD

Box:City:LA PUENTE

State:CA

ZIP:91746

Country:US

Phone:818-968-6511

CAGE:12405

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

Ingred Name:EPOXY RESIN

CAS:25068-38-6

Code:F

RTECS #:CE6880000

Minumum % Wt:15.

Maxumum % Wt:40.

Ingred Name:BISPHENOL A

CAS:80-05-7

RTECS #:SL6300000

Minumum % Wt:6.

Maxumum % Wt:10.

Ingre

d Name:DIETHYLENE GLYCOL ETHYL ETHER ACETATE

CAS:112-15-2

RTECS #:KK8925000

Minumum % Wt:15.

Maxumum % Wt:40.

Ingred Name:IRON OXIDE

CAS:1317-61-9

Minumum % Wt:10.

Maxumum % Wt:30.

Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

= Wt:6.71

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3

Ingred Name:BARIUM SULFATE

CAS:7727-43-7

RTECS #:CR0600000

Minumum % Wt:10.

Maxumum % Wt:30.

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:TALC

CAS:14807-96-6

RTECS #:WW2710000

Minumum % Wt:3.

Maxumum % Wt:

7.

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:2 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:MODERATELY IRRITATING WITH REDNESS,
PAIN OR TEARING. PROLONGED CONTACT MAY CAUSE BURNS.

Effects of Overexposure:EYE CONTACT:MODERATELY IRRITATING WITH REDNESS,
PAIN OR TEARING. PROLONGED CONTACT MAY CAUSE BURNS. SKIN
CONTACT:SLIGHTLY IRRITATING. FREQUENT OR PROLONGED CONTACT MAY

IRRITATE AND CAUSE A RASH. (DERMATITIS). REPEATED EXPOSURE MAY CAUSE ALLERGIC SKIN REACTIONS. ONCE AN ALLERGY DEVELOPS, EVEN AN EXPOSURE TO A VERY SMALL AMOUNT CAN TRIGGER AN ALLERGIC REACTION. INHALATION:SLIGHTLY IRRITATING TO THE EYES, NOSE, THROAT AND LUNGS. INGESTION:SLIGHTLY IRRITATING TO THE MOUTH, STOMACH AND DIGESTIVE TRACT. MAY CAUSE VOMITING.

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

First Aid:FLUSH EYES WITH WATER FOR 15 MINUTES. REPEAT FLUSHING IF

BURNING OR PAIN PERSIST. GET MEDICAL AID. RINSE SKIN WITH PLENTY OF WATER. THEN WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. DO NOT APPLY LOTIONS OR CREAMS WITHOUT ADVICE OF A PHYSICIAN. IF PROBLEMS PERSIST GET PROMPT MEDICAL AID.

INHALATION: REMOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT GET MEDICAL AID. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION AND CALL FOR EMERGENCY MEDICAL ASSISTANCE. DO NOT INDUCE VOMITING.

RINSE MOUTH WITH WATER AND ALLOW PATIENT TO DRINK PLENTY OF WATER. CONTACT A PHYSICIAN IF IRRITATION PERSIST.

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

Flash Point Method:SCC

Flash Point:>93.6C, 200.5F

Extinguishing Media:USE CARBON DIOXIDE, FOAM OR DRY CHEMICAL

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS (PRESSURE-DEMAND MSA/NIOSH OR EQUIVALENT) AND FULL FIRE FIGHTING PROTECTIVE GEAR

Unusual Fire/Explosion Hazard:HEAT IN EX

CESS OF FLASHPOINT, OPEN FLAME,

OR STORAGE WITH INCOMPATIBLE MATERIALS IS LISTED IN STABILITY AND REACTIVITY.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION AND/OR PERSONAL PROTECTIVE EQUIPMENT (SEE SECTION 8). ABSORB SPILL WITH INERT MATERIAL (E.G. DRY SAND OR EARTH), THEN PLACE IN A CHEMICAL WASTE CONTAINER. PREVENT RUNOFF TO STORM SEWERS, DITCHES AND OTHER PATHWAYS

TO SOIL AND WATERWAYS.

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

Handling and Storage Precautions:AVOID BREATHING FUMES. DO NOT SPLASH OR SPILL. DO NOT STORE WITH INCOMPATIBLE MATERIALS. STORE CONTAINERS UPRIGHT. KEEP AWAY FROM HEAT AND FLAME.

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

Respiratory Protection:NO RESPIRATOR IS REQUIRED IF INGREDIENT EXPOSURE LIMITS ARE NOT EXCEEDED. AN OSHA APPROVED (29 CFR 1910.134 USA D EPT. OF LABOR), AIR PURIFYING, HALF-FACE RESPIRATOR WITH THE APPROPRIATE CARTRIDGE SHOULD BE USED IF EXPOSURE LIMITS ARE EXCEEDED.

Ventilation:USE LOCAL EXHAUST VENTILATION.

Eye Protection:WEAR SAFETY GLASSES WITH SIDE SHIELDS OR A FACE SHIELD.

Other Protective Equipment:WEAR CHEMICAL RESISTANT RUBBER GLOVES AND APRON.

Supplemental Safety and Health

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

HCC:C2

Boiling Pt:>204.4C, 400.F

Spec Gravity:1.56

VOC Pounds/Ga

Ilon:378

Appearance and Odor:BLACK VISCOUS LIQUID WITH SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS.

Stability Condition to Avoid:EXTREME TEMPERATURE

Hazardous Decomposition Products:NONE

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

Toxicological Information:EYE: CONJUNCTIVIAL IRRITATION. MAY CAUSE CORNEAL DAMAGE. DERMAL: SLIGHTLY IRRITATING. ADSORPTION OF TOXIC AMOUNT

S THROUGH SKIN UNLIKELY. INHALATION: MINOR IRRITATION OF
MUCOUS MEMBRANES/UPPER RESPIRATORY TRACT. SYSTEM TOXICITY IS VERY
UNLIKELY. INGESTION: SYSTEMIC EFFECTS UNLIKELY. ACUTE TOXICITY
DATA: NONE KNOWN.

===== Ecological Information =====

Ecological:COMMONLY AVAILABLE DATA ON CERTAIN INGREDIENTS INDICATE THAT
ACUTE OR CHRONIC EFFECTS COULD RESULT FROM UNCONTROLLED RELEASE TO
SOIL, GROUND WATER, STORM WATER, AIR.

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

Waste Disposal Methods:CLEAN-UP REMOVE IGNITION SOURCES. PROVIDE
ADEQUATE VENTILATION AND/OR PERSONAL PROTECTIVE EQUIPMENT (SEE
SECTION 8). ABSORB SPILL WITH INERT MATERIAL (E.G. DRY SAND OR
EARTH), THEN PLACE IN A CHEMICAL WASTE CONTAINER. PREVENT RUNOFF
TO STORM SEWERS, DITCHES AND OTHER PATHWAYS TO SOIL AND WATERWAYS.

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

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