

M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT NAME: MODIFIED CHROMATE FREE ZINC PRIMER
PRODUCT CODE: SERIES2000

HMIS CODES: H F R P
2 2 0 G

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SECTION I - MANUFACTURER IDENTIFICATION
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MANUFACTURER'S NAME: MERCURY PAINT
ADDRESS : 4808 FARRAGUT ROAD
BROOKLYN, NY 11203

EMERGENCY PHONE : (718) 469-8787 DATE PRINTED : 03/19/09
INFORMATION PHONE : (718) 469-8787 NAME OF PREPARER : MERCURY PAINT CORP.

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SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION
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REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP		WEIGHT PERCENT
ZINC PHOSPHATE NOT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY OSHA NOT KNOWN TO BE HAZARDOUS IN THIS FORM.	7779-90-0	0	0	17.79
CAMEL CARB/CALCIUM CARBONATE (LIMESTONE) OSHA PEL: 15 MG/CU.M. (TOTAL), 5 MG/CU.M. (RESPIRABLE) ACGIH TLV: 2 MG/CU.M. (RESPIRABLE)	1317-65-3			15.47
MINERAL SPIRITS 663 EXXON MOBIL RECOMMENDS THE FOLLOWING OCCUPATIONAL LIMITS A TWA OF 1200 MG/M3 (197 PPM) BASED ON TOTAL HYDROCARBON	64742-47-8	2.0	68	12.04
TITANIUM DIOXIDE PEL (OSHA) 15MG/CU.M. (TOTAL) 5MG./CU.M. (RESPIRABLE) TLV (ACGIH) 10MG/CU.M.	13463-67-7			6.96

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SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS
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BOILING RANGE: 318 Deg F SPECIFIC GRAVITY (H2O=1): 1.54
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
MATERIAL V.O.C.: 2.59 lb/gal
SOLUBILITY IN WATER: NON SOLUBLE.
APPEARANCE AND ODOR: YELLOW LIQUID AND CHARACTERISTIC ODOR.

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA
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FLASH POINT: 105 deg F METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.4 UPPER: 8.9

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

THE USE OF SELF CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR FIRE FIGHTERS. WATER MAY BE UNSUITABLE AS AN EXTINGUISHING MEDIA, BUT HELPFUL IN KEEPING COOL.

UNUSUAL FIRE AND EXPLOSION HAZARDS

KEEP WORK AREAS FREE OF HOT METAL SURACES AND OTHER SOURCES OF IGNITION

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SECTION V - REACTIVITY DATA
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STABILITY: STABLE
CONDITIONS TO AVOID
HIGH TEMPERATURES.

INCOMPATIBILITY (MATERIALS TO AVOID)

STRONG OXIDIZERS, ACIDS, BASES, ANHYDRIDES AND AMINES.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

THERMAL DECOMPOSTION IN THE PRESENCE OF AIR MAY YIELD CARBON MONOXIDE OR CARBON DIOXIDE..

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HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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SECTION VI - HEALTH HAZARD DATA
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INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

IF BREATHING DIFFICULTIES, DIZZINESS OR LIGHTEADEDNESS OCCURS WHEN WORKING WITH HIGH VAPOR CONCENTRATION, VICTIM SHOULD SEEK FRESH AIR. IF BREATHING STOPS BEGIN ARTIFICIAL RESPIRATION AND SEEK MEDICAL ATTENTION.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

IF THIS PRODUCT COMES IN CONTACT WITH THE EYES, FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES AND SEEK IMMEDIATE MEDICAL ATTENTION. IF THIS PRODUCT COMES IN CONTACT WITH THE SKIN, WASH WITH SOAP AND LARGE QUANTITY OF WATER.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

IF THIS PRODUCT IS SWALLOWED, DO NOT INDUCE VOMITING, SEEK IMMEDIATE MEDICAL ADVICE AND OR ATTENTION.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE: BREATHING DIFFICULTIES, DIZZINESS, OR LIGHTEADEDNESS MIGHT OCCUR WHEN WORKING IN AREAS WITH HIGH VAPOR CONCENTRATION, VICTIM SHOULD SEEK AIR FREE OF VAPORS. IF BREATHING STOPS, BEGIN ARTIFICIAL REPSIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

RESPIRATORY TRACT IRRITATION, DERMATITIS, NAUSEA, VOMITING

EMERGENCY AND FIRST AID PROCEDURES

IF THIS PRODUCT COMES IN CONTACT WITH THE EYES, FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES AND SEEK IMMEDIATE MEDICAL ATTENTION. IF THIS PRODUCT COMES IN CONTACT WITH THE SKIN, WASH WITH SOAP AND LARGE QUANTITIES OF WATER AND SEEK MEDICAL ATTENTION IF, IRRITATION FROM CONTACT PERSIST. IF THIS PRODUCT IS SWALLOWED, DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

KEEP SOURCES OF IGNITION AND HOT METAL SURFACES ISOLATED FROM THE SPILL. FLUSH MATERIAL INTO SUITABLE RETAINING AREAS OR CONTAINERS WITH WATER.

WASTE DISPOSAL METHOD

COLLECT SPILLED LIQUID MIXTURE INTO CONTAINERS FOR RECOVERY OR DISPOSAL. ADD ENOUGH WATER TO COVER. CONSULT LOCAL STATE & FEDERAL HAZARDOUS WASTE REGULATION BEFORE DISPOSING INTO APPROVED HAZARDOUS WASTE LANDFILLS. OBEY RELEVANT LAWS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

KEEP PRODUCT CONTAINERS COOL, DRY, AND AWAY FROM SOURCES OF IGNITION. USE AND STORE THIS PRODUCT WITH ADEQUATE VENTILATION. (SEE SECTION IV). KEEP PRODUCT CONTAINERS CLOSED WHEN NOT IN USE.

OTHER PRECAUTIONS

PERSONELL SHOULD AVOID INHALATION OF VAPORS. (SEE SECTIONS 11 & VI). PERSONAL CONTACT WITH THE PRODUCT SHOULD BE AVOIDED. SHOULD CONTACT BE MADE, REMOVE SATURATED CLOTHINGS AND FLUSH AFFECTED AREAS WITH WATER (SEE SECTION VI). APPLY GOOD HOUSEKEEPING. LAUNDRER CLOTHES BEFORE REUSE.

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SECTION VIII - CONTROL MEASURES
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RESPIRATORY PROTECTION

A NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR CANISTER MAYBE NECESSARY UNDER CERTAIN CIRCUMSTANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCEED EXPOSURE LIMITS. PROTECTION PROVIDED BY AIR PURIFYING RESPIRATOR IS LIMITED. USE A POSITIVE PRESURE AIR SUPPLIED RESPIRATOR IF THERE IS ANY POTENTIAL FOR AN UNCONTROLLED RELEASE, EXPOSURE LEVELS ARE NOT KNOWN, OR ANY OTHER CIRCUMSTANCES WHERE AIR PURIFING RESPIRATORS MAY NOT PROVIDE ADEQUATE PROTECTION. A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA'S 29 CFR1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATORS USE.

VENTILATION

GENERAL MECHANICAL VENTILATION MAY BE SUFFICIENT TO KEEP PRODUCT CONCENTRATION WITHIN SPECIFIED TIME WEIGHTED TLV RANGE.

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PROTECTIVE GLOVES

THE USE OF CHEMICALLY RESISTANT AND IMPERVIOUS GLOVES LIKE NITRILE RUBBER AND NEOPRENE GLOVES IS ADVISED TO PREVENT SKIN IRRITATIONS.

EYE PROTECTION

SAFETY GLASSES, CHEMICAL GOGGLES AND OR FACE SHIELDS ARE RECOMMENDED.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

IMPERMEABLE APRONS ARE ADVISED WHEN WORKING WITH THIS PRODUCT. THE AVAILABILITY OF EYE WASHES AND SAFETY SHOWERS IN WORK AREAS IS RECOMMENDED.

WORK/HYGIENIC PRACTICES

WASH HANDS BEFORE EATING OR USING THE WASHROOM. SMOKE IN SMOKING AREAS ONLY.

===== SECTION IX - DISCLAIMER =====

TO THE BEST OF MERCURY PAINT CORPORATION'S KNOWLEDGE THE INFORMATION CONTAINED HERE IS ACCURATE, AS OBTAINED FROM SOURCES BY OUR RAW MATERIALS SUPPLIERS. HOWEVER, NO WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY AND COMPLETENESS OF THIS INFORMATION.