

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PRIMER OVERLAY
PRODUCT CODE: 20-96

HMIS CODES: H F R P
2* 2 0 J

=====**SECTION I - MANUFACTURER IDENTIFICATION**=====

MANUFACTURER'S NAME: PRESERVATIVE PAINT CO.
ADDRESS: 5400 AIRPORT WAY S., SEATTLE WA. 98108
EMERGENCY PHONE: 800 4249300 CHEMTREC INFORMATION PHONE: (206) 763-0300
DATE REVISED : 06-03-93 NAME OF PREPARER : J. KESLING
REASON REVISED : ANNUAL REVIEW

=====**SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION**=====

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER		
*ETHYLENE	1330-20-7	100 mppcf	100 ppm		21.0 100F	15
ALIPHATIC PETROLEUM DISTILLATE	64742-89-8	500 ppm	300 ppm		15.0 100F	20
*ETHYL BENZENE	100-41-4	100 mppcf	100 ppm		7.1 68F	1
ALUMINUM STERATE	637-12-7	15 mg/M3	10 mg/M3		N/A	< 5.0%
ALIPHATIC PETROLEUM DISTILLATE	8052-41-3	100 ppm	100 ppm		2.0 68F	< 5.0%
TITANIUM DIOXIDE	13463-67-7	15 mg/M3	10 mg/M3		N/A	10
MAGNESIUM SILICATE	14807-96-6	20 mppcf	2 mg/M3		N/A	15
SILICA	14808-60-7	20 mppcf	0.1 mg/M3		N/A	21.11

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

=====**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**=====

BOILING RANGE: 139 to 334 Deg F SPECIFIC GRAVITY (H2O=1): 1.3
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C. : 3.98 LB/GL (477 G/L)
MATERIAL V.O.C.: 3.98 LB/GL (477 G/L)
SOLUBILITY IN WATER: NEGLIGIBLE
APPEARANCE AND ODOR: CLEAR AND PIGMENTED COATINGS WITH CHARACTERISTIC ODOR

=====**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**=====

FLASH POINT: 59 Deg F METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0% UPPER: 7.0%

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG, OTHER

SPECIAL FIREFIGHTING PROCEDURES

FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED TO PROTECT FROM COMBUSTION BY-PRODUCTS. COOL CLOSED CONTAINERS WITH WATER FOG TO PREVENT PRESSURE BUILDUP.

UNUSUAL FIRE AND EXPLOSION HAZARDS

KEEP CONTAINERS TIGHTLY CLOSED. VAPOR IS DENSER THAN AIR AND CAN TRAVEL AND COLLECT IN LOW SPOTS. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. DO NOT APPLY TO HOT SURFACES. CAN CAUSE SPONTANEOUS COMBUSTION. (CONTAMINATED RAGS, ETC.)

SECTION V - REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID
NONE REASONABLY FORESEEABLE.

INCOMPATIBILITY (MATERIALS TO AVOID)
MAY REACT WITH STRONG OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
OXIDES OF CARBON.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
MAY CAUSE NOSE AND THROAT IRRITATION. MAY CAUSE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY THE FOLLOWING STEPS:
HEADACHE, DIZZINESS, NAUSEA, STAGGERING GAIT, CONFUSION AND UNCONSCIOUSNESS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
REPEATED OR PROLONGED LIQUID CONTACT MAY CAUSE SKIN IRRITATION WITH DISCOMFORT AND DERMATITIS. MAY CAUSE IRRITATION OR BURNING OF THE EYES.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
REDDNESS OF SKIN WITH A BURNING SENSATION.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
IF INGESTED MAY CAUSE GASTRO-INTESTINAL DISTRESS.

HEALTH HAZARDS (ACUTE AND CHRONIC)

OVEREXPOSURE TO SOLVENTS MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION, CARDIOPULMONARY FAILURE, LIVER AND KIDNEY DAMAGE AND BIRTH DEFECTS. CHRONIC: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. UNDER NORMAL CONSUMER USE CONDITIONS THE LIKELIHOOD OF ANY ADVERSE HEALTH EFFECTS ARE LOW. OVERSPRAY/MISTS ARE PRIMARILY CONSIDERED NUISANCE DUST - PIGMENTS NOT NORMALLY CONSIDERED HAZARDOUS IN A MIX.

CARCINOGENICITY: NTP? YES IARC MONOGRAPHS? YES OSHA REGULATED? NO
CONTAINS CRYSTALLINE SILICA - PROLONGED OVER-EXPOSURE BY INHALATION OF SPRAY MIST OR SANDING DUST MAY CAUSE DELAYED LONG INJURY/DISEASE (SILICOSIS). IARC REPORTS LIMITED EVIDENCE THAT CRYSTALLINE SILICA MAY CAUSE CANCER IN HUMANS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
PRE-EXISTING CONDITIONS INVOLVING SKIN, LIVER, KIDNEY, AND POLMONARY DISORDERS. AVOID EXPOSURE TO SILICA MIST &/OR DUST.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: FLUSH WITH WATER FOR AT LEAST FIFTEEN MINUTES. CALL A PHYSICIAN. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND WASH EXPOSED AREA WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING DIFFICULTY PERSISTS OR OCCURS LATER, CONSULT A PHYSICIAN. IN THE UNLIKELY EVENT OF INGESTION CALL A PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. PREVENT SKIN CONTACT AND BREATHING OF VAPORS. CONFINE AND REMOVE WITH INERT ABSORBANT MATERIAL. USE SPARK PROOF TOOLS.

WASTE DISPOSAL METHOD

DO NOT ALLOW MATERIAL TO CONTAMINATE GROUND WATER SYSTEMS. ABSORB LARGE SPILLS WITH INERT ABSORBANT MATERIAL. DISPOSE OF ABSORBED MATERIAL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATORY REQUIREMENTS. DO NOT INCINERATE IN CLOSE CONTAINERS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

OBSERVE LABEL PRECAUTIONS. KEEP AWAY FROM EXCESSIVE HEAT, SPARKS AND OPEN FLAME. KEEP CLOSURES TIGHT WHEN NOT IN USE. STORE IN AN UPRIGHT POSITION TO PREVENT LEAKAGE. GROUND CONTAINERS WHEN POURING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR SMOKING. DO NOT STORE ABOVE 100 Deg.F. KEEP AND STORE OUT OF REACH OF CHILDREN.

OTHER PRECAUTIONS

DO NOT SAND, FLAME CUT, BRAZE OR WELD DRY COATING WITHOUT WEARING A NIOSH/MSHA APPROVED RESPIRATOR OR APPROPRIATE VENTILATION. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTY CONTAINERS RETAIN RESIDUES, ALL HAZARD PRECAUTIONS MUST BE OBSERVED. WHEN SPRAYING THIS MATERIAL KEEP SPRAY BOOTH CLEAN. AVOID BUILDUP OF SPRAY DUST OR OVERSPRAY IN BOOTH OR DUCTS.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

PROPERLY FITTED VAPOR/PARTICULATE RESPIRATOR APPROVED BY OSHA/MSHA.

VENTILATION

SUFFICIENT IN PATTERN AND VOLUME TO KEEP VAPORS BELOW APPLICABLE OSHA REQUIREMENTS. USE EXPLOSION-PROOF MECHANICAL DEVICE IF REQUIRED.

PROTECTIVE GLOVES

SOLVENT IMPERVIOUS GLOVES.

EYE PROTECTION

GOGGLES OR SAFETY GLASSES WITH SIDE SHIELD.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

SAFETY SHOWER AND EYE BATH. COVERALLS ARE RECOMMENDED. A SOLVENT IMPERVIOUS APRON IS RECOMMENDED IF BODY CONTACT MAY OCCUR.

WORK/HYGIENIC PRACTICES

WASH CONTAMINATED CLOTHING BEFORE REUSE. PERIODIC MONITORING OF EXPOSURE LEVELS/LIMITS IS RECOMMENDED.

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

DISCLAIMER

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED TO BE RELIABLE. IT IS TRUE & ACCURATE TO THE BEST OF OUR KNOWLEDGE, BUT IS NOT INTENDED TO BE ALL INCLUSIVE. USERS SHOULD CONSIDER THIS INFORMATION AS A SUPPLEMENT TO OTHER INFORMATION GATHERED BY THEM & MUST MAKE THEIR OWN DETERMINATION OF SUITABILITY & COMPLETENESS TO ASSURE PROPER USE & DISPOSAL.