********** SECTION 1: PRODUCT IDENTIFICATION **********

MANUFACTURERS ADDRESS : 1101 THIRD STREET SOUTH, MINNEAPOLIS, MN 55415
MFG TELEPHONE NUMBER : (612) 332-7371
24 HR EMERGENCY PHONE NO : 1-800-228-5635
CHEMICAL NAME OR FAMILY : PAINT PRODUCT
FORMULA : NOT APPLICABLE
TRADE NAME : 80 - 5491 RED OPAL SATIN
REVISION DATE : 04-18-97 DATE PRINTED : 10-17-97

********** SECTION 2: HAZARDOUS INGREDIENTS **********

NAME	APPROX WT %	
COMMON(NA): HAZARDOUS MATERIAL	35%	TLV TWA NOT ESTAB TLV STEL NOT ESTAB OSHA PEL NOT ESTAB CEILING NOT ESTAB RECOMND NOT ESTAB
CAS: CHEMICAL: TRADE SECRET		
COMMON(NA): IRON OXIDE	5%	TLV TWA NOT ESTAB TLV STEL NOT ESTAB OSHA PEL 5.00 MG/CU M CEILING NOT ESTAB RECOMND NOT ESTAB
CAS: 1309-37-1 CHEMICAL: IRON OXIDE		

THERE ARE NO SARA 313 CHEMICALS IN THIS PRODUCT

ALL COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH U.S. TSCA CHEMICAL SUBSTANCE INVENTORY REQUIREMENTS.

********** SECTION 3: PHYSICAL DATA **********

BOILING POINT: 212 DEG F.
VAPOR PRESSURE MM HG AT 77 DEG F. 24.0
VAPOR DENSITY (AIR = 1.0): .5
SPECIFIC GRAVITY: 1.50
PERCENT VOLATILE BY VOLUME: 100.00
EVAPORATION RATE (BUTYL ACETATE = 1): 4
SOLUBILITY IN WATER: NO
APPEARANCE AND ODOR: NORMAL FOR A COATINGS PRODUCT.
THEORETICAL VOC: 5.84 LBS/GALLON
THEORETICAL VOC: 700 GRAMS/LITER

********** SECTION 4: FIRE AND EXPLOSION HAZARD **********

FLASH POINT TCC/PM DEG F : 201
LOWER EXPLOSIVE LIMIT : NA
UPPER EXPLOSIVE LIMIT : NA

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM, AND/OR WATER FOG.

SPECIAL FIRE FIGHTING PROCEDURES:
FIRE FIGHTERS MUST WEAR SELF CONTAINED BREATHING APPARATUS OR AIR MASKS.
CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL WITH WATER SPRAY.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS:
NONE

********** SECTION 5: HEALTH HAZARD DATA **********

THRESHOLD LIMIT VALUE: NOT REQUIRED FOR MIXTURE.

EFFECTS OF OVEREXPOSURE:
IMMEDIATE EFFECTS (ACUTE):
OVEREXPOSURE TO INGREDIENTS IN THIS PRODUCT MAY CAUSE
EYE IRRITATION, SKIN IRRITATION.
DELAYED EFFECTS (CHRONIC):
EYE DAMAGE AND PAIN.
CONTAINS INGREDIENTS WHICH MAY CAUSE KIDNEY DAMAGE, CNS DEPRESSION

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - ANY RESPIRATORY OR SKIN CONDITION.

EMERGENCY AND FIRST AID PROCEDURES:
NONE

POSSIBLE ROUTES OF ENTRY: INHALATION, INGESTION, SKIN ABSORBTION.

********** SECTION 6: REACTIVITY DATA **********

THIS PRODUCT IS STABLE
CONDITIONS TO AVOID: NONE
INCOMPATIBILITY: AVOID WATER-REACTIVE MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS:
NONE
HAZARDOUS POLYMERIZATION: NONE

********** SECTION 7: SPILL OR LEAK PROCEDURES **********

VENTILATE AREA. REMOVE SPILLS WITH INERT ABSORBENT.

WASTE DISPOSAL METHOD:
DISPOSE IN CHEMICAL DISPOSAL AREA OR IN A MANNER THAT COMPLIES WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

********** SECTION 8: SPECIAL PROTECTION INFORMATION **********

RESPIRATORY PROTECTION:
UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ABOVE APPLICABLE LIMITS, NO RESPIRATOR IS REQUIRED. IF RESPIRATOR IS REQUIRED, THE APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSHA APPROVED) SHOULD BE WORN DURING APPLICATION. FOLLOW RESPIRATOR MANUFACTURERS DIRECTIONS FOR RESPIRATOR USE.

VENTILATION:
REQUIRED WHEN SPRAYING OR APPLYING IN CONFINED AREA.

PROTECTIVE GLOVES: USUAL HAND PROTECTION FOR PAINT APPLICATION.
EYE PROTECTION: FOR SPRAY APPLICATION, USE CHEMICAL GOGGLES AS A MINIMUM. OTHERWISE, USE SAFETY GLASSES WITH SIDE SHIELDS AS A MINIMUM.
OTHER PROTECTIVE EQUIPMENT: USUAL CLOTHING FOR PAINTING OPERATIONS.

********** SECTION 9: SPECIAL PRECAUTIONS **********

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT STORE ABOVE 120 DEG F. KEEP FROM FREEZING. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE. DO NOT CUT, PUNCTURE OR WELD CONTAINERS. ALL LABEL WARNINGS MUST BE OBSERVED UNTIL CONTAINER HAS BEEN CLEANED, RECONDITIONED OR PROPERLY DISPOSED OF.

ABBREVIATIONS USED:
OSHA-OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION;
IARC-INTERNATIONAL AGENCY FOR RESEARCH ON CANCER; LEL-LOWER EXPLOSIVE LIMITS;
UEL-UPPER EXPLOSIVE LIMITS; MG CU M-MILLIGRAMS PER METERS CUBED; MM-MILLIMETERS
MPPCF-MILLIONS OF PARTICLES PER CUBIC FOOT; MSHA-MINE SAFETY AND HEALTH

********** SECTION 9: SPECIAL PRECAUTIONS ****CONTINUED****

ADMINISTRATION; NA-NOT APPLICABLE; NIOSH-NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH; NOT EST-NOT ESTABLISHED; NTP-NATIONAL TOXICOLOGY PROGRAM; PB-LEAD; PEL-PERMISSIBLE EXPOSURE LEVEL; PPM-PARTS PER MILLION; TCC/PM-TAG CLOSED CUP/PENSKY-MARTEN; RECM-RECOMMENDED; TLV-THRESHOLD LIMIT VALUES.

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