

MATERIAL SAFETY DATA SHEET

HARRISON PAINT COMPANY
5125
EXCELSIOR COATINGS DIV

1329 HARRISON AVE SW
CANTON, OH 44706

EMERGENCY PHONE: 330/455-

PREPARATION DATE: 12/9/02

REPLACES DATE: 1/18/01

SECTION I – PRODUCT IDENTIFICATION O.M. URETHANE FINISH – E1050

SECTION II – HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. % IS LESS THAN	(TLV-TWA)	OCCUPATIONAL EXPOSURE LIMITS (TLV-STEL)	(PEL)	VAPOR PRESSURE mmHg 20C	KNOWN OR SUSPECTED CARCINOGEN	SEC 313
MINERAL SPIRITS	8052-41-3	55.0%	100 PPM	100 PPM	100 PPM	2.0	NO	YES

THIS PRODUCT CONTAINS ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND THE COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND 40 CFR 372.

SECTION III - PHYSICAL DATA

Boiling Range:	318 – 383 F	Vapor Density:	Is heavier than air
Odor:	Mineral Spirits	Evaporation Rate:	Is slower than ether
Appearance:	Lt. Yellow, Clear	Solubility:	None
Volatile by Weight:	50.4%	Product Density:	7.4 lbs./gal. (U.S.)
Volatile by Volume:	56.6%		

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flammability Classification:	FLASH POINT: 104 F.	LEL: 1.0%
OSHA – COMBUSTIBLE LIQUID – CLASS II	(TAGLIABUE CLOSED CUP)	UEL: 6.0%
DOT - COMBUSTIBLE LIQUID		

Extinguishing Media: DRY CHEMICAL CARBON DIOXIDE FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. WATER MAY BE USED TO COOL CLOSED CONTAINERS, NOT INVOLVED IN THE FIRE ITSELF, TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. VAPORS CONCENTRATED IN A CONFINED OR POORLY VENTILATED AREA CAN BE IGNITED UPON CONTACT WITH A HIGH ENERGY SPARK, FLAME OR HIGH INTENSITY SOURCE OF HEAT.

SPECIAL FIRE FIGHTING PROCEDURES: TREAT AS A CLASS B FIRE. DO NOT USE DIRECT WATER STREAM. PRODUCT MAY FLOAT ON SURFACE. IF IGNITED WILL SPREAD FIRE RAPIDLY. FIRE FIGHTERS SHOULD WEAR NIOSH/OSHA APPROVED PRESSURE DEMAND, SELF CONTAINED BREATHING APPARATUS. WEAR FULL PROTECTIVE CLOTHING. SPILL WILL MAKE SURFACE SLIPPERY - EXERCISE DUE CAUTION. VAPORS ARE VOLATILE AND HEAVIER THAN AIR. THEY WILL TEND TO COLLECT IN LOW LYING AREAS.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE: EYES: IRRITANT, DISCOMFORT, BLURRED VISION, BURNING. **SKIN:** PROLONGED OR REPEATED SKIN CONTACT MAY RESULT IN IRRITATION, SENSITIZATION AND DERMITITIS. **INGESTION:** MAY CAUSE NAUSEA AND VOMITING. INHALATION OF FUMES MAY RESULT IN DIZZINESS, HEADACHE, BLURRED VISION OR UNCONSCIOUSNESS.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: PRE-EXISTING SENSITIVITY TO SOLVENTS CAN CAUSE A HEIGHTENED REACTION BY EXPOSURE TO THIS PRODUCT. ALLERGY AND SKIN CONDITIONS.

PRIMARY ROUTE (S) OF ENTRY: DERMAL INHALATION INGESTION

EMERGENCY AND FIRST AID PROCEDURES: **SKIN:** WASH THOROUGHLY WITH SOAP AND WATER. **EYES:** FLUSH WITH LARGE AMOUNTS OF COOL WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN. **INHALATION:** REMOVE VICTIM TO FRESH AIR AND ADMINISTER OXYGEN IF AVAILABLE TO RESTORE BREATHING. IF SPONTANEOUS VOMITING OCCURS, TAKE STEPS TO

PREVENT ASPIRATION INTO THE LUNGS. IF INGESTED, CONTACT NEAREST POISON CONTROL CENTER. DO NOT INDUCE VOMITING.

SECTION VI - REACTIVITY DATA

STABILITY:	This product is stable under normal storage conditions.
HAZARDOUS POLYMERIZATION:	Will not occur under normal conditions.
HAZARDOUS DECOMPOSITION PRODUCTS:	Combustion may yield carbon monoxide/and or carbon dioxide. Smoke, fumes.
CONDITIONS TO AVOID:	Do not store or use near open flames or in areas of high temperatures.
INCOMPATIBILITY:	Strong oxidants, alkalis. Chlorine, hypochlorous acid, sodium hypochlorite.

SECTION VII - SPILL OR LEAKAGE PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: IF SPILL ENTERS SEWERS OR WATERWAYS, USE BOOMS (IF AVAILABLE) TO CONTROL DISPERSION. NOTIFY LOCAL FIRE DEPARTMENT AS A SAFETY PRECAUTION. AVOID BREATHING VAPOR, ENSURE ADEQUATE VENTILATION. CONTAIN SPILL, NOTIFY APPROPRIATE COMPANY PERSONNEL. KEEP UNNECESSARY PERSONS OUT OF AREA AND AWAY FROM SPILL.

WASTE DISPOSAL METHOD: CHECK COMPANY'S POLICY ON DISPOSAL. DISPOSAL SHOULD BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATOR PROTECTION: NIOSH/OSHA APPROVED RESPIRATOR TYPES, SUITABLE FOR MATERIALS IN SECTION II RECOMMENDED. APPROVED CHEMICAL/MECHANICAL FILTERS RECOMMENDED WHEN VENTILATION IS RESTRICTED.

VENTILATION: SUFFICIENT VENTILATION IN VOLUME AND PATTERN SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMITS OR ACGHI'S TLV LIMIT.

PROTECTIVE GLOVES: USE IMPERMEABLE GLOVES.

EYE PROTECTION: CHEMICAL GOGGLES WITH SIDE SHIELDS OR FACE SHIELD RECOMMENDED.

OTHER PROTECTIVE EQUIPMENT: EYEWASH STATION/SAFETY SHOWER. IMPERVIOUS BOOTS AND APRON TO MINIMIZE SKIN CONTACT. LONG SLEEVE SHIRT.

HYGIENIC PRACTICES: REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS BEFORE AND AFTER USE.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: READ COMPLETE DIRECTIONS AND PRECAUTIONS BEFORE USE. NO SMOKING SIGNS SHOULD BE POSTED AND ENFORCED. KEEP CONTAINERS CLOSED WHEN NOT IN USE. STORE AWAY FROM EXCESSIVE HEAT. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. DO NOT LET PERSONNEL USE WITHOUT PROPER SAFETY HAZARD TRAINING.

OTHER PRECAUTIONS: ALL CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER OR RETURNED TO A DRUM RECONDITIONER.

SECTION X - HMIS RATINGS

HEALTH: 2

FLAMMABILITY: 2

REACTIVITY: 0

SECTION XI - STATE REGULATIONS

CALIFORNIA PROPOSITION 65: **WARNING:** THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.

THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

