MATERIAL SAFETY DATA SHEET

PRODUCT NAME: SEMI-TRANSPARENT STAIN CEDAR HMIS CODES: H F R P

PRODUCT CODE: 3545

2 2 0 B

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

MANUFACTURER'S NAME: O'Leary Paint Company ADDRESS: 415 BAKER ST., LANSING, MI 48910

EMERGENCY PHONE: 880-424-9300 INFORMATION PHONE: (517) 482-0473 DATE REVISED : 05-10-01 NAME OF PREPARER : SCOTT BOWER

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

HAZARDOUS COMPONENTS	CAS NUMBER		TIONAL EXPOSURE LIMITS ACGIH TLV OTHER	VAPOR PRES		WEIGHT PERCENT
MINERAL SPIRITS / STODDARD SOLVENT	8852-41-3	100 pps	180 pps	2.0	68F	40
ALIPHATIC PETEROLEUM DISTILLATES / VM&P NAPTHA	64742-89-8	300 pps	300 pps	10.2	68F	20
ZIRCONIUM 2-ETHYLHEXANDATE	2246-99-9	5 pps	18 ppm	2.6	486F	8.58

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 48 CFR 372 are present. ***

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

BOILING POINT: 334 DEG F SPECIFIC GRAVITY (H2O=1): 0.8

VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER

COATING V.O.C. : 4.55 LB/GL (545 G/L)

SOLUBILITY IN WATER: NONE

APPEARANCE AND ODOR: AMBER LIQUID/PETROLEUM DISTILLATE ODOR

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

FLASH POINT: 100.00

METHOD USED: TOO

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 8.7% UPPER: 8.9%

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

COOL EXPOSED CONTAINERS TO REDUCE PRESSURE. SUMMON PROFESSIONAL FIREFIGHTERS. USE FULL PROTECTIVE EQUIPMENT INCLUDING SELFCONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS

DUE TO PRESSURE BUILD-UP, CLOSED CONTAINERS EXPOSED TO EXTREME HEAT MAY EXPLODE. DURING EMERGENCY CONDITIONS, OVEREPOSURE TO DECOMPOSITION MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

STABILITY: STABLE CONDITIONS TO AVOID EXCESSIVE HEAT, SPARKS, AND OPEN FLAMES.

INCOMPATIBILITY (MATERIALS TO AVOID) STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
THERMAL DECOMPOSITION MAY YIELD CARBON DIOXIDE & MONDXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

----- SECTION VI - HEALTH HAZARD DATA -----

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION.CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DIZZ-INESS WEAKNESS, FATIGUE, NAUSEA, HEADACHE.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN:PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS. EYES; CAN CAYSE SEVERE IRRITATION REDNESS, TEARING, BLURRED VISION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA. ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PMEUMONITIS WHICH CAN BE FATAL.

HEALTH HAZARDS (ACUTE AND CHRONIC)

OVEREXPOSURE TO MINERAL SPIRITS HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS:, CENTRAL NERVOUS SYSTEM EFFECTS.

CARCINOGENICITY: NTP? ND IARC MONOGRAPHS? NO OSHA REGULATED? YES

NEWE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE PRE-EXISTING LUNG, OR SKIN CONDITIONS MAY BE AGGRAVATED.

EMERGENCY AND FIRST AID PROCEDURES

SKIN: THROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. EYES: FLUSH WITH COPIUS AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY, GET MEDICAL ATTENTION. SWALLOWED: DO NOT INDUCE VOMITING, KEEP PERSON WARM, QUIET, AND GET MEDICAL ATTENTION. ASPIRATION OF MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PREUMONITIS WHICH CAN BE FATAL. INHALATION: IF AFFECTED REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER DXYGEN. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM. QUIET AND GET MEDICAL ATTETION.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

PROVIDE MAXIMUM VENTILATION. ONLY PERSONNEL EQUIPPED WITH PROPER RESPIRATORY, SKIN AND EYE PROTECTION SHOULD BE PERMITTED IN THE AREA. REMOVE ALL SOURCES OF IGNITION. TAKE UP SPILLED MATERIAL WITH ABSORBENT MATERIAL PLACE IN CONTAINER.

MASTE DISPOSAL METHOD

WASTE MATERIAL MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIORNMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS SHOULD BE RECYCLED OR DISPOSED OF THROUGH AN APPROVED WASTE MANAGEMENT FACILITY.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

DO NOT STORE ABOVE 120 DEGREES F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED FOR STORAGE OF NFP CLASS 1118 CDWBUSTIBLE LIQUIDS.

OTHER PRECAUTIONS

KEEP CONTAINERS CLOSED WHEN NOT IN USE. CONTAINERS CAN CONTAIN HAZARDOUS PRODUCT RESIDUES EVEN WHEN EMPTY, WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES.

RESPIRATORY PROTECTION

OVEREXPOSURE TO VAPORS MAY BE PREVENTED BY ENSURING VENTILATION CONTROLS, VAPOR EXHAUST OR FRESH AIR ENTRY. NIDSH/MSHA
APPROVED(TC-23C) PAINT SPRAY OR AIR SUPPLIED (TC-19C) RESPIRATORS MAY ALSO REDUCE EXPOSURE. READ MANUFATURER'S INSTRUCTIONS AND LITERATURE CAREFULLY TO DETERMINE THE TYPE OF AIRBORNE CONTAMINANTS AGAINST WHICH THE RESPIRATOR IS EFFECTIVE.

VENTILATION

USE VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS. AVOID PROLONGED OR REPEATED BREATHING OF VAPORS. IF EXPO-SURE EXCEEDS TLV, USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

PROTECTIVE GLOVES

REQUIRED FOR PROLONGED OR REPEATED CONTACT. WEAR RESISTANT SLOVES SUCH AS NATURAL RUBBER , NEOPRENE , BUNA N OR NITRILE.

EYE PROTECTION

AVOID CONTACT WITH EYES. WEAR CHEMICAL-TYPE SPLASH GOGGLES OR FULL FACE SHIELD.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

WEAR PROTECTIVE CLOTHING, INCLUDING IMPERMEABLE APRON.

WDRK/HYGIENIC PRACTICES

WASH HANDS WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

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

DISCLAIMER

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED BY O'LEARY PAINT CO. TO BE ACCURATE, BUT WE DO NOT ASSUME ANY RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION. WE NEITHER SUGGEST NOR GUARANTEE THAT ANY HAZARDS MENTIONED ARE THE ONLY ONES WHICH EXIST.