

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

INTERIOR FLAT ENAMEL WHITE

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PRODUCT NAME: INTERIOR FLAT ENAMEL WHITE
PRODUCT CODE: 4304

HMIS CODES: H F R P
1 0 0 B

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

MANUFACTURER'S NAME: O'Leary Paint Company
ADDRESS : 415 Baker Street
PMI Division
Lansing, MI. 48910

EMERGENCY PHONE : DATE PRINTED : 11/28/01
INFORMATION PHONE : (517) 487-2033 NAME OF PREPARER : SCOTT BOWER

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

VAPOR PRESSURE

WEIGHT
REPORTABLE COMPONENTS CAS NUMBER mm Hg @ TEMP
PERCENT

ETHYLENE GLYCOL 107-21-1 .1 68 5
OSHA PEL: 50 ppm, ACGIH TLV: 100 mg/m3

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***
WARNINGS ON CRYSTALLINE SILICA NEED ONLY TO BE OBSERVED WHEN SANDING OR GRINDING ON DRIED PAINT FILM. WHEN DOING SO A NIOSH/MSHA DUST AND MIST RESPIRATOR SHOULD BE WORN.

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

BOILING RANGE: 387 deg F SPECIFIC GRAVITY (H2O=1): 1.41
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C.: 1.04 lb/gl MATERIAL V.O.C.: 0.50 lb/gl
SOLUBILITY IN WATER: INFINITE
APPEARANCE AND ODOR: WHITE OPAQUE LIQUID & SLIGHTLY SWEET ODOR.

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

FLASH POINT: 232 deg F METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 3.2 UPPER: 15.3

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

SPECIAL FIREFIGHTING PROCEDURES
SUMMON PROFESSIONAL FIREFIGHTERS. USE FULL PROTECTIVE EQUIPMENT INCLUDING SELFCONTAINED BREATHING APPARATUS. WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERRED. WATER SHOULD BE USED TO COOL CONTAINERS.

UNUSUAL FIRE AND EXPLOSION HAZARDS
DUE TO PRESSURE BUILD-UP, CLOSED CONTAINERS EXPOSED TO EXTREME HEAT MAY EXPLODE. DURING EMERGENCY CONDITIONS, OVER- EXPOSURE TO DECOMPOSITION MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE
CONDITIONS TO AVOID
KEEP FROM FREEZING.

INCOMPATIBILITY (MATERIALS TO AVOID)
N/A

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
MAY CAUSE HAZARDOUS FUMES WHEN HEATED TO DECOMPOSITION.

HAZARDOUS POLYMERIZATION: WILL OCCUR

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

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT; HEADACHES, NAUSEA, DIZZINESS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
MAY CAUSE SKIN AND EYE IRRITATION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
DRYNESS, ITCHING, CRACKING, BURNING, REDNESS, AND SWELLING ARE ASSOCIATED WITH
EXCESSIVE SKIN CONTACT.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
CAN CAUSE GASTRONINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRREA.

HEALTH HAZARDS (ACUTE AND CHRONIC)
AVOID LONG TERM AND REPEATED CONTACT. CONTAINS A FORM OF CRYSTALLINE SILICA.LONG
TERM EXPOSURE TO HIGH LEVELS OF THIS MATERIAL MAY LEAD TO A DISABLING LUNG
INJURY KNOWN AS SILICOSIS. THIS PRODUCT CONTAINS ETHYLENE GLYCOL. OVEREXPOSURE
TO THIS MATERIAL HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN
HUMANS; LIVER ABNORMALITIES, KIDNEY DAMAGE, CENTRAL NERVOUS SYSTEM EFFECTS.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No
CALCIUM CARBONATE CONTAINS CRYSTALLINE SILICA AS A MINOR IMPURITY; IT IS PRESENT
IN THEORETICAL 1% TO 1.5% LEVELS. CRYSTALLINE SILICA HAS BEEN REVIEWED BY IARC
AND THEY HAVE FOUND EVIDENCE FOR PULMONARY CARCINOGENCITY IN HUMANS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
N/A

EMERGENCY AND FIRST AID PROCEDURES
INHALATION:REMOVE TO FRESH AIR. EYES:IN CASE OF EYE CONTACT, FLUSH WITH LARGE
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SKIN:REMOVE WITH SOAP AND WATER,
REMOVE SOILED CLOTHING. INGESTION:DRINK 1 OR 2 GLASSES OF WATER TO DILUTE.DO NOT
INDUCE VOMITING. CONSULT PHYSCIAN IMMEDIATELY. HAVE MATERIAL SAFETY DATA SHEET
INFORMATION AVAILABLE.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
PROVIDE MAXIMUM VENTILATION. REMOVE ALL SOURCES OF IGNITION. TAKE UP SPILLED
MATERIAL WITH SAWDUST, VERMICULITE, OR OTHER ABSORBENT MATERIAL AND PLACE INTO
CONTAINERS FOR PROPER DISPOSAL. WASH WITH WATER.

WASTE DISPOSAL METHOD

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE BELOW 110°F. KEEP FROM FREEZING. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

OTHER PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

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

RESPIRATORY PROTECTION

DO NOT BREATHE SPRAY MIST, OR SANDING DUST. WHEN USED IN RESTRICTED VENTILATION
AREAS, WEAR NIOSH/MSHA APPROVED AIR SUPPLY RESPIRATOR OR HOOD.

VENTILATION

USE WITH ADEQUATE VENTILATION. PROVIDE GENERAL DILUTION OR LOCAL EXHAUST
VENTILATION IN VOLUME AND PATTERN TO KEEP AIR CONTAMINANT CONCENTRATION BELOW
CURRENT APPLICABLE SAFETY STANDARDS IN APPLICATION AND CURING AREAS.

PROTECTIVE GLOVES

GLOVES CONSTRUCTED OF: POLYVINYL ALCOHOL, NEOPRENE RUBBER, OR LATEX RUBBER.

EYE PROTECTION

DO NOT GET IN EYES. SAFETY EYE WEAR WITH SPLASH GUARDS OR SIDESHIELD IS
RECOMMENDED TO PREVENT CONTACT.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

NOT REQUIRED.

WORK/HYGIENIC PRACTICES

REMOVE AND WASH SOILED CLOTHING BEFORE REUSE. WASH HANDS BEFORE EATING, SMOKING
OR USING THE WASHROOM.

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

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