

MATERIAL SAFETY DATA SHEET FOR INTERIOR LATEX FLAT  
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 MADISON, WI 53704 11/24/87

SECTION 1 - CHEMICAL IDENTITY OF INTERIOR LATEX FLAT

CHEMICAL NAME: MIXTURE CHEMICAL FAMILY: N/A FORMULA: N/A

SECTION 2 - HAZARDOUS INGREDIENTS

ETHYLENE GLYCOL	CAS NO. 107-21-1
OSHA PEL: 100	ACGIH TLV: 50 PPM OTHER LIMIT: 125 MG/M3
TITANIUM DIOXIDE	CAS NO. 13463-67-7
OSHA PEL: N/A	ACGIH TLV: SEE BELOW OTHER LIMIT: N/A
KAOLIN	CAS NO. N/A
OSHA PEL: N/A	ACGIH TLV: SEE BELOW OTHER LIMIT: N/A
CALCIUM CARBONATE	CAS NO. 1317-65-3
OSHA PEL: N/A	ACGIH TLV: SEE BELOW OTHER LIMIT: N/A

NONE OF THE INGREDIENTS IN INTERIOR LATEX FLAT IS LISTED AS A POTENTIAL CARCINOGEN BY THE NTP, IARC, OR OSHA.

SANDING THE CURED PRODUCT MAY PRODUCE NUISANCE DUST. OBSERVE A TLV OF 5 MG/M3 FOR RESPIRABLE DUST AND 10 MG/M3 FOR TOTAL DUST.

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (FIRE & EXPLOSION DATA)

BOILING POINT	SPECIFIC GRAVITY	VAPOR PRESSURE (MM HG)	PERCENT VOLATILE BY VOLUME	VAPOR DENSITY (AIR = 1)
212	1.38	.2 MM	20	6.07

EVAPORATION RATE	SOLUBILITY IN WATER	REACTIVITY IN WATER
< ETHER	YES	NO

APPEARANCE AND ODOR: LIQUID COATING WITH MILD ODOR.

FLASH POINT	FLAMMABLE LIMITS IN AIR (% BY VOLUME)	AUTO-IGNITION TEMPERATURE
211 TCC	N/A - N/A	680

EXTINGUISHER MEDIA

DRY CHEMICAL, CARBON DIOXIDE, FOAM, ALCOHOL FOAM.

SPECIAL FIRE FIGHTING PROCEDURES

A WATER SPRAY MAY COOL CONTAINERS.

A STREAM OF WATER MAY SPREAD FLAMES.

WEAR BREATHING APPARATUS AND GOGGLES.

A WATER SPRAY MAY COOL CONTAINERS.

WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTION FOR SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSION HAZARDS

CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

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SECTION 4 - HEALTH HAZARDS

SIGNS AND SYMPTOMS OF ACUTE OVEREXPOSURE

VAPOR OR MISTS CAN CAUSE HEADACHE, NAUSEA, AND IRRITATION OF NOSE, THROAT, OR LUNGS.

MAY CAUSE EYE IRRITATION.

SWALLOWING ETHYLENE GLYCOL MAY CAUSE ABDOMINAL DISCOMFORT OR PAIN, DIZZINESS, MALAISE, LUMBAR PAIN, OLIGURIA, UREMIA, AND CENTRAL NERVOUS SYSTEM DEPRESSION.

SWALLOWING LARGE VOLUMES CAUSES SEVERE KIDNEY DAMAGE. IT MAY BE FATAL.

PULMONARY EDEMA WITH HYPOXEMIA HAS BEEN DESCRIBED IN A NUMBER OF PATIENTS.

MAY CAUSE DRY SKIN, IRRITATION, OR DERMATITIS.

SIGNS AND SYMPTOMS OF CHRONIC OVEREXPOSURE

ETHYLENE GLYCOL IS AN ANIMAL TERATOGEN.

NO CURRENTLY AVAILABLE INFORMATION SUGGESTS THAT ETHYLENE GLYCOL HAS CAUSED BIRTH DEFECTS IN HUMANS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

ROUTES OF ENTRY: INHALATION AND SKIN CONTACT

FOR CHEMICALS LISTED AS CARCINOGENS OR POTENTIAL CARCINOGENS, REFER TO SECTION 2. FOR EXPOSURE LIMITS, REFER TO SECTION 2.

EMERGENCY FIRST AID PROCEDURES

FIRST AID FOR INHALATION

REMOVE PERSON TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. SEE A PHYSICIAN.

FIRST AID FOR EYES

FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN IF IRRITATION PERSISTS.

FIRST AID FOR SKIN

WASH WITH SOAP AND WATER. WASH CLOTHING BEFORE REUSE. SEE A PHYSICIAN IF IRRITATION PERSISTS.

FIRST AID FOR INGESTION

IF THE PERSON IS CONSCIOUS, GIVE TWO CUPS OF WATER AND INDUCE VOMITING. SEE A PHYSICIAN.

MATERIAL SAFETY DATA SHEET FOR INTERIOR LATEX FLATSECTION 5 - PHYSICAL HAZARDSSTABLE? Y/N YESSTABILITY CONDITIONS TO AVOID

EXPLOSIVE PEROXIDES FORM AT 212 DEGREES.

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID PEROXIDES AND STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS

UNDER HEAT, CARBON DIOXIDE AND CARBON MONOXIDE MAY BE PRODUCED.

THERMAL DECOMPOSITION IN THE PRESENCE OF AIR MAY YIELD

CARBON MONOXIDE AND/OR TRACES OF MONOMER.

HAZARDOUS POLYMERIZATION MAY OCCUR? Y/N NOPOLYMERIZATION; CONDITIONS TO AVOID: N/ASECTION 6 - SPECIAL PROTECTION INFORMATIONRESPIRATORY PROTECTION (SPECIFY TYPE): N/A

VENTILATION:	LOCAL	MECHANICAL
	EXHAUST	(GENERAL)
	NO	ADEQUATE

SPECIAL VENTILATION: N/AOTHER VENTILATION: N/APROTECTIVE GLOVES IMPERVIOUS GLOVESEYE PROTECTION CHEMICAL SPLASH GOGGLESOTHER PROTECTIVE CLOTHING OR EQUIPMENT

EYE WASH.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURESPRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

AVOID PROLONGED CONTACT WITH LIQUID AND/OR VAPOR.

KEEP FROM FREEZING.

OTHER PRECAUTIONS

NEVER TAKE INTERNALLY. WASH THOROUGHLY AFTER HANDLING.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

DIKE SPILL TO MINIMIZE CONTAMINATION. ABSORB WITH INERT MATERIAL.

COLLECT IN CONTAINERS. KEEP SPILL OUT OF WATERWAYS.

WASTE DISPOSAL METHODS

DISPOSE OF ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS.

HMIS CODES

HEALTH: 1\* FLAMMABILITY: 1 REACTIVITY: 1

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