



NanoTech

Water Based Nanopolymer Sealer
MSDS

MATERIAL SAFETY DATA SHEET - EARTHPAINT INCORPORATED 625 HAYWOOD RD, ASHEVILLE, NC 28806- 828-258-2580

EMERGENCY CONTACT: Nationwide Poison Center Hotline
1-800-222-1222

SECTION I. IDENTIFICATION

PRODUCT NAME: *NanoTech*

PRODUCT TYPE: WATER BASED SEALER, No free isocyanates, NMP, TEA or ethylene glycol.

IMPORTANT: THIS MATERIAL WILL NOT BE SOLD FOR USE IN PRODUCTS FOR WHICH PROLONGED CONTACT WITH MUCOUS MEMBRANES, ABRADED SKIN, OR IMPLANTATION WITHIN THE HUMAN BODY IS SPECIFICALLY INTENDED. BECAUSE OF THE WIDE RANGE OF SUCH POTENTIAL USES, EARTHPAINT INCORPORATED IS NOT ABLE TO RECOMMEND THIS MATERIAL AS SAFE AND EFFECTIVE FOR SUCH USES AND ASSUMES NO LIABILITY FOR ANY SUCH USES.

HAZARD STATEMENT: THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200. THIS PRODUCT IS CONSIDERED TO BE A HAZARDOUS CHEMICAL UNDER THAT STANDARD.

SECTION II. HAZARDOUS INGREDIENTS

INGREDIENT'S CAS	#	%	EXPOSURE LIMITS	CL50/DL50
Acrylic Polymer	Mixture (Non Hazardous)	Proprietary N/E		N/E
Polyurethane Polymer (no free isocyanate)	Mixture (Non Hazardous)	Proprietary <5%	N/E	N/E
Propylene glycol phenyl ether 770-35-4		<1% N/E >	2000mg/kg	
Dipropylene glycol monobutyl ether	29911-28-2	<2%	N/E	3700 mg/kg

SECTION III. PHYSICAL DATA

APPEARANCE AND ODOR: BLUEISH WHITE LIQUID; SLIGHT AMMONIA ODOR.

BOILING POINT: 212 °F

MELTING /FREEZING POINT: N/A

SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY: > 1.0 @ 25 °C (77°F)

pH: 7-9

SECTION IV. FIRE AND EXPLOSION DATA

FLASHPOINT: NONE

EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER SPRAY.

UNUSUAL FIRE AND EXPLOSION HAZARDS: PRODUCT IS NOT COMBUSTIBLE.

SECTION V. REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): BLEACH

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, SULFUR DIOXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

CONDITIONS TO AVOID: AVOID HIGH HEAT, SUNLIGHT OR ULTRAVIOLET LIGHT.

INCOMPATIBILITY: NONE

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SECTION VI. HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: Dermal, Inhalation

EMERGENCY OVERVIEW: Warning! Can cause skin and eye irritation.

PRIMARY RATES OF EXPOSURE:

ORAL: LD50 RATS > 2000 MG/KG (COMPONENTS). IF MORE THAN A MOUTHFUL IS SWALLOWED, ABDOMINAL DISCOMFORT, NAUSEA, AND DIARRHEA MAY OCCUR.

IRRITATION:

SKIN: CONTACT WILL CAUSE A "SOAPY" FEEL AND CAUSE REDDENING. PROLONGED EXPOSURE WILL CAUSE IRRITATION.

EYE: CONTACT WILL CAUSE IRRITATION, PAIN, AND REDDENING. PROLONGED EXPOSURE COULD CAUSE BLINDNESS.

INHALATION: PROVIDE PROPER VENTILATION WHILE PRODUCT IS APPLIED AND DURING DRY TIME.

EFFECTS OF OVEREXPOSURE: NONE KNOWN **MEDICAL**

CONDITIONS AGGRAVATED BY EXPOSURE: NONE

EMERGENCY AND FIRST AID PROCEDURES:

EYES - FOR EYE CONTACT, IMMEDIATELY FLUSH EYES FOR AT LEAST FIFTEEN MINUTES WITH RUNNING WATER. HOLD EYELIDS APART TO ENSURE RINSING OF THE ENTIRE EYE SURFACE AND LIDS WITH WATER. GET IMMEDIATE MEDICAL ATTENTION IF IRRITATION OCCURS.

SKIN - FOR SKIN CONTACT, WASH AFFECTED AREAS THOROUGHLY WITH PLENTY OF WATER AND SOAP FOR AT LEAST FIFTEEN MINUTES. GET IMMEDIATE MEDICAL ATTENTION IF IRRITATION OCCURS.

INGESTION - IF SWALLOWED, GET IMMEDIATE MEDICAL ATTENTION. HAVE PHYSICIAN DETERMINE WHETHER VOMITING OR STOMACH EVACUATION IS NECESSARY.

INHALATION - IF INHALED, REMOVE FROM AREA TO FRESH AIR. GET IMMEDIATE MEDICAL ATTENTION IF IRRITATION PERSISTS.

SECTION VII. SPILL OR LEAK PROCEDURES

SPILL PROCEDURES: AVOID ALL PERSONAL CONTACT. USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION. SWEEP OR SCRAPE UP MATERIAL. SHOVEL INTO SUITABLE CLEAN, DRY CONTAINER. FLUSH AREA WITH WATER FOR FINAL CLEAN-UP.

WASTE DISPOSAL METHODS: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII. SPECIAL PROTECTION

PROTECTIVE GLOVES: WEAR RUBBER GLOVES.

EYE PROTECTION: WEAR SAFETY GLASSES.

RESPIRATORY PROTECTION: ENSURE ADEQUATE VENTILATION.

OTHER PROTECTIVE EQUIPMENT: WEAR PROTECTIVE EQUIPMENT TO PREVENT EXPOSURE AND PERSONAL CONTACT.

SECTION IX. SPECIAL PRECAUTIONS

HMIS CODE:

HEALTH: 2 FIRE: 0 REACTIVITY: 0

HANDLING, SHIPPING, AND STORING PRECAUTIONS: AVOID CONTACT WITH SKIN AND EYES. FOR INDUSTRIAL USE ONLY. STORE IN A COOL DRY PLACE THAT IS WELL VENTILATED. PROTECT FROM FREEZING. KEEP OUT OF REACH OF CHILDREN!

SECTION X. TOXICOLOGICAL INFORMATION

ACUTE ORAL EFFECTS (LD50): (RAT) > 2000 MG/KG (COMPONENTS)

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SKIN IRRITATION: MILD IRRITATION

EYE IRRITATION: MILD IRRITATION

CHRONIC EXPOSURE EFFECTS: NONE KNOWN

SECTION XI. ECOLOGICAL INFORMATION

NOT AVAILABLE

SECTION XII. REGULATORY INFORMATION

DOT CLASS: NOT REGULATED

DOT NUMBER: N/A

RCRA STATUS: NOT A HAZARDOUS WASTE UNDER RCRA (40 CFR 261)

TSCA INVENTORY STATUS: CHEMICAL COMPONENTS LISTED ON TSCA INVENTORY.

CANADIAN INVENTORY STATUS: All components included on the Domestic Substances List (DSL)

ISSUE DATE: 07/2008

FOR FURTHER INFORMATION, PLEASE CONTACT PRODUCT SAFETY DIRECTOR.

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