

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200
Standard must be consulted for specific requirements.

IDENTITY: CHEM-STIK™ NONIONIC SPREADER/STICKER

SECTION I

MANUFACTURER'S NAME: <i>Precision Laboratories, Inc. 1429 S. Shields Drive Waukegan, IL 60085</i>	EMERGENCY PHONE NUMBER: 800-323-6280 800-424-9300 (Chemtrec - 24 hrs.) DATE PREPARED: 03/23/05
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SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	PERCENT	OSHA PEL	ACGIH TLV
<i>None</i>				

HAZARD CLASSIFICATION: *None*
HMIS RATING: *1-0-0-X*

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (°F.): <i>Approx. 212° F.</i>	SPECIFIC GRAVITY (H ₂ O = 1.0): <i>0.996 ± 0.005</i>
VAPOR PRESSURE (mm HG): <i>17.5mm at 25° C</i>	EVAPORATION RATE (VS. H ₂ O): <i>About the Same</i>
VAPOR DENSITY (AIR=1): <i>Approx. = 1</i>	pH: <i>8.9 ± 0.5</i>
SOLUBILITY IN WATER: <i>Emulsifiable</i>	
APPEARANCE AND ODOR: <i>Light tan emulsion with waxy odor</i>	

SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (T.C.C.): *None to Boiling*
FLAMMABLE LIMITS: *N/A* LEL: UEL:
EXTINGUISHING MEDIA: *Product is noncombustible. Water Spray (Fog); Dry Chemical; CO₂; or Foam may be used where product is stored.*
SPECIAL FIRE-FIGHTING PROCEDURES: *Firefighters should wear supplied-air and full face units*
UNUSUAL FIRE AND EXPLOSION HAZARDS: *None*

SECTION V - REACTIVITY DATA

STABILITY

UNSTABLE	_____
STABLE	_____ <u>x</u> _____

INCOMPATIBILITY (MATERIALS TO AVOID): *Salt solutions will coagulate polymer.*
HAZARDOUS DECOMPOSITION PRODUCTS: *Thermal decomposition on burning may produce CO/CO₂; ammonia and other organic vapors*
CONDITIONS TO AVOID: *N/A*

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SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: EYES: *N/A* SKIN: *N/A* INGESTION: *Yes* INHALATION: *N/A*
SIGNS AND SYMPTOMS OF OVEREXPOSURE (Acute): *Prolonged or repeated contact of concentrated product with eyes may cause irritation and reddening. Ingestion may cause nausea, vomiting, diarrhea and mucosal irritation.*
SIGNS AND SYMPTOMS OF OVEREXPOSURE (Chronic): *None currently known*
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: *None currently known*
CARCINOGEN OR SUSPECT CARCINOGEN INGREDIENTS: *None*

SECTION VII - EMERGENCY AND FIRST AID PROCEDURES

EYES: *Flush eyes with water for at least 15 minutes and call a physician.* SKIN: *Wash with large amounts of soap and water. If irritation persists, call a physician.* INGESTION: *DO NOT induce vomiting. Dilute by drinking water and call a physician immediately.* INHALATION: *No ill effects expected.*

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

RESPIRATORY PROTECTION: *None required under normal use conditions*

VENTILATION REQUIREMENTS: *Normal*

LOCAL EXHAUST _____

MECHANICAL EXHAUST _____

EYE PROTECTION: *Chemical splash goggles*

PROTECTIVE GLOVES: *Rubber/PVC*

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: *Clothing appropriate to minimize contact during specific operations.*

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: *Do not touch or walk through spilled material. Stop leak if you can without risk. Dike ahead of large spills to prevent runoff. Mop, pump or take up with sand or other inert absorbent and reclaim into containers for reuse, recycle or proper disposal.*

WASTE DISPOSAL METHOD: *Dispose of in an approved waste facility according to federal, state and local regulations.*

SECTION X - STORAGE AND HANDLING INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: *Keep from freezing. Mop up small spills immediately - both emulsion and dried film may present slip hazard.*

SECTION XI - REGULATORY INFORMATION

SARA HAZARD: Title III, Section 313: *Contains no Section 313 listed substances subject to reporting.*

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