

Material Safety Data Sheet



Nano sealer

ALL NATURAL STONE: GRANITE, LIMESTONE, GROUT

MARBLE, TRAVERTINE, SLATE

IDENTITY: Nano surface sealer

Date Prepare: June 10, 2011

SECTION I

Manufacturer's Name: Micro MED

Address: 1807 Carnegie Avenue
Santa Ana, CA 92705

Emergency Telephone Number: (800) 255-3924

Telephone Number for Information: (877) 234-9452

SECTION II – Hazardous Ingredients/Identity Information

Name	% (optional)	CAS.NO.	OSHA PEL	ACGH TLV (SOURCE)
Fluorinated Copolymer-	<5%		not established	not established
Hydrocarbon Solvent-	<95%	64742-48-975	not established	not established

*This ingredient meets the EPA polymer exemption requirements.

This product is a hazardous material as defined in 29 CFR 1910.1200 OSHA hazard combustible

SECTION III – Physical/DATA

Boiling point 160-175°C SPECIFIC GRAVITY: 0.75 at 16°C pH/NA

Vapor Pressure: 2.3mmHg at 20°C FREEZING/MELTING POINT: <minus 60°C

SOLUBILITY IN WATER: <0.01% at 25°C EVAPORATION RATE (IN-Bu Acetate=1):03 approximate

APPEARANCE AND ODOR: Clear liquid with mild hydrocarbon-like odor

VOC Content .75 Ph level 8-9

SECTION IV – Fire and Explosion Hazard Data

Flash Point : 40°C (TCC Method) FLAMABLE LIMITS / % VOLUME IN AIR: Upper: 7% Lower 0.6%
AUTOIGNITION TEMP : >290°C EXTINGUISHING MEDIA: Water spray, carbon dioxide, foam or dry
chemical

FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and full protective coating

FIRE & EXPLOSION HAZARDS: Irritating and/or toxic fluorinated gases due to decomposition of the
product may be generated during a fire.

Material Safety Data Sheet

SECTION V – Reactivity Data

STABILITY: Stable: this material is chemically stable under normal storage conditions and handling conditions, however, avoid flames, welding arcs, and other potential ignition sources. INCOMPATIBILITY: Avoid contact with oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition produces toxic fluorinated products

HAZARDOUS POLYMERIZATION: none

SECTION VI – HEALTH HAZARDS and TOXICITY

THRESHOLD LIMIT VALUE-PRODUCT: Not established (workplace exposure limits guideline-300 ppm total Hydrocarbon based on composition)

PRIMARY ROUTE OF ENTRY: EYE: may cause irritation:

SKIN: may cause irritation

INHALATION and INGESTION: see following comments: SIGNS and SYMPTOMS OF OVER EXPOSURE(ACUTE) : Based on its composition this product is anticipated to be no more than slightly toxic if absorbed through the skin and slightly irritating to eyes and skin. Prolong or repeated contact removes oils from the skin and may dry the skin and cause irritation, redness and rash. INHALATION: High vapor/aerosol concentrations (greater than 1000ppm) are irritating to the eyes and cause irritation, redness and rash.

INHALATION: High vapor/aerosol concentrations (greater than 1000 ppm) are irritating to the eyes and respiratory tract and may result in central nervous system effects such as headache, dizziness, anesthesia, drowsiness and in severe exposures, loss of consciousness and death.

INGESTION: Mild to severe lung injury may occur if drawn into the lungs (aspirated) during swallowing, or during vomiting after swakkowing. Symptoms of injury may include increased breathing and heart rate, coughing and related signs of respirator/distress.

SECTION VII – EMERGENCY & FIRST AID PROCEDURES

EYES: If in eyes, immediately flush eyes with plenty of water for at least 15 minutes, get medical attention.

SKIN: In case of contact, immediately flush the area with plenty of water. Use soap if available. Remove contaminated clothing.

INGESTION: If swallowed, do not induce vomiting. Keep at rest and call for prompt medical attention.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration.

GET PROMPT MEDICAL ATTENTION

Material Safety Data Sheet

SECTION VIII - SPECIAL PROTECTION INFORMATION

It is not recommended to apply product by spraying or aerosolizing.

RESPIRATORY PROTECTION: NIOSH/MSHA

Approved full-face mask air respirator where airborne exposure is likely to exceed exposure limits.

VENTILATION: Provide ventilation if necessary to minimize exposure.

EYE PROTECTION: Use safety glasses.

PROTECTIVE GLOVES: Wear Latex or chemically resistant gloves.

OTHER PROTECTIVE EQUIPMENT: Wear appropriate chemical resistant protective clothing to Prevent skin contact.

SECTION IX – SPILL OR LEAK PROCEDURES

Ventilate the area and remove all ignition sources. Contain the spill by building a dike using absorbent material. Collect the remainder of the spill with absorbent material and place into an approved drum for waste disposal. Consult all federal, state and local authorities for proper disposal procedures.

SECTION X – STORAGE AND HANDLING INFORMATION

Do not get in eyes, on skin or clothing. Do not breathe vapor, mist or gas. Keep away from heat, sparks and flames. Store in tightly sealed containers and at ordinary room temperature. Empty containers may contain hazardous residue. Do not drop, reuse or refill container. Do not smoke. Read label before use. Do not cut, grind or weld on or near container due to possible toxic fume generation or explosion due to flammable vapor residue. Use explosion proof equipment where vapor concentrations can become ignitable. Ground drums, transfer lines and equipment.

SECTION XI – ADDITIONAL INFORMATION

The major ingredient of this product is listed on the TSCA inventory at CAS registry number 64/42-48-9

Clean Water Act/Oil Pollution Act. This product is classified as an oil under section 311 of the Clean Water Act (40CFR110) and the Oil Pollution Act of 1990. Discharge of spills which produce a visible sheen on Either surface water of in waterways/sewers which lead to surface water, must be reported to the National Response Center at 800-424-8802.

CERCLA: If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act.

SARA Title III: Under the provisions of Title III, Sections 311 and 312 of the Superfund Amendments and Reauthorization Act, This product is classified into the following hazard category: FIRE.

Department of Transportation (DOT)

DOT shipping description: Petroleum Distillate NOS, Combustible Liquid, UN 1268 PGIII

Note: In containers of 119 gallon capacity or less, this product is not regulated by DOT.

Hazard ratings	NPCA-HMIS	NFPA 704
Health	1	1
Flammability	2	2
Reactivity	0	0

Material Safety Data Sheet
