

MATERIAL SAFETY DATA SHEET

SECTION I – Name: D/SENSE®CRYSTAL dentin desensitizer and liner

Manufacturer: Centrix Incorporated
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SECTION II – Product contents: Solution of potassium binoxalate and nitric acid in water

Hazardous ingredients: nitric acid
For potential health hazards: See Section VI below. No other significant hazards to man or the environment are reasonably foreseen.
Low pH (acidic character) of the material.

SECTION III – Physical / chemical characteristics

Appearance: clear liquid, water white to light yellow
PH < 1
Melting point/range – Ca 0C
Explosive limits in air: n/a
Vapor pressure (mm Hg): approx 760 at 100C
Specific gravity: (H₂O = 1): Slightly over 1
Reactivity in water: none
Odor: odorless
Boiling point range – 100C at 760 mm Hg
Flammability: n/a
Oxidizing properties: slight
Vapor density (air = 1) < 1
Solubility in water: soluble
Other data: none

SECTION IV – Fire and explosion hazard data

Flash point: n/a
Auto ignition temperature: n/a
Extinguisher method: n/a
Special fire fighting procedures: none
Unusual fire and explosion hazards: none

SECTION V – Reactivity data

Stability: stable
Conditions of instability: stable under perceivable conditions
Incompatibility with various substances: materials susceptible to oxidizing and acidic environments
Hazardous decomposition products: none known
Hazardous polymerization: will not occur
Conditions to avoid: n/a

SECTION VI – Health hazard data

Potential acute health effects: damage to skin and eyes
Potential chronic health effects: none known
Signs and symptoms of exposure: skin and eye irritation, skin discoloration
Medical conditions generally aggravated by exposure; none known
Carcinogenic or potential carcinogenic effects: none anticipated
Other potential health hazards; none known

SECTION VII – Precautions for safe handling and use

Handling precautions: avoid contact with skin, eyes and clothing
Safe storage conditions: Store at moderate temperatures in corrosion resistant containers
Other restrictions or recommendations: wear rubber gloves, goggles and rubber apron when handling large quantities
Dispose in accordance with local, state and federal regulations

SECTION VIII – Control and first aid measures

Respiratory protection and ventilation: none required
Skin contact: Wear protective gloves. Wash skin with water in case of contact
Eye protection; Wear goggles. In case of contact with eyes, wash immediately with copious amounts of water and seek medical attention
Ingestion: Severe mildly alkaline remedies – solution of sodium bicarbonate, liquid anti-acid medications, etc.

SECTION IX – Miscellaneous

UN Classification UN/ID 2031
Identification: Nitric acid, other than red fuming, with 20% or less nitric acid
Special provisions for transport: Applicable to acidic materials
US FDA Class IIa medical device

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CENTRIX INCORPORATED

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