

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product name: Coating Material D

Contact:

Elixirgen Scientific, Inc.
855 N. Wolfe St., Suite 619
Baltimore, MD 21205
Phone: 443-869-5420
www.elixirgenscientific.com

SECTION 2: HAZARD IDENTIFICATION

GHS classification of the substance/mixture:

Not a hazardous substance or mixture.

GHS label elements, including precautionary statements:

Not a hazardous substance or mixture.

Other hazards which do not result in the classification or are not covered by the GHS:

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS SUBSTANCE

The product contains no substances which, at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

SECTION 4: FIRST AID MEASURES

Description of necessary measures.

Inhalation: Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

Skin contact: Rinse cautiously with water for several minutes. Immediate medical attention is not required.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do

Ingestion; Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Suitable extinguishing media: Water spray. Carbon dioxide (CO2). Foam. Dry chemical.

Special protective equipment and precautions for fire-fighters:

Standard procedure for chemical fires.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Always wear recommended Personal Protective Equipment. Use personal protection equipment.

Environmental precautions:

No special environmental precautions required.

Methods and materials for containment and cleaning up:

Soak up with inert absorbent material.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Always wear recommended Personal Protective Equipment. No special handling advices are necessary.

Conditions for safe storage, including any incompatibilities:

Keep in a dry, cool and well-ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits:

We are not aware of any national exposure limit.

Appropriate engineering controls:

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment:

Respiratory: In case of insufficient ventilation wear suitable respiratory equipment.

Eyes: Safety goggles or splash guard safety glasses.

Body: Lab coat and gloves.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Aqueous solution.

Odor:	No data available.
Odor threshold:	No data available.
pH:	6 – 8
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Oxidizing properties:	No data available.
Upper/lower flammability or explosive limits:	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Solubility(ies):	No data available.
Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions.
Possibility of hazardous reactions:	None under normal use.
Materials to avoid:	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products:	None under normal use conditions.
Polymerization:	Hazardous polymerization does not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:	No data available.
Skin corrosion/irritation:	May cause skin irritation in susceptible persons.
Serious eye damage/eye irritation:	May cause eye irritation with susceptible persons.
Respiratory or skin sensitization:	No data available.
Carcinogenicity:	None.
Mutagenicity:	None.
Toxicity for reproduction:	None.
Inhalation and Ingestion:	May be harmful after inhalation or if swallowed.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Contains no substances known to be hazardous to the environment or not degradable in waste water treatment
---------------------	--

Persistence and degradability: plants.
Bioaccumulative potential: Inherently biodegradable.
Mobility in soil: Material does not bioaccumulate.
No data available.

SECTION 13: DISPOSAL INFORMATION

Dispose of contents/containers in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

IATA

Proper Shipping Name	No dangerous good in sense of these transport regulations
Hazard Class	None
Subsidiary class	None
Packing group	None
UN-No	None

SECTION 15: REGULATORY INFORMATION

US Federal regulation

SARA 313 Components:

This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

US State regulations

California Prop. 65:

This product does not contain any Proposition 65 chemicals.

WHMIS Hazard Class

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

SECTION 16: OTHER INFORMATION

Other comments:

The information provided herein is based on sources believed to be reliable as of 9/21/2017 and pertains only to the material designated. Elixirgen Scientific, Inc. makes no warranty or

representation to its completeness, accuracy, or currency, and assumes no liability resulting from its use. This material is intended for use by persons with pertinent technical skills for its intended use, the product's safe use, and the product's proper disposal. Disposal of hazardous material may be subjected to federal, state or local laws or regulations.

Restriction of use: For research use only.