

Safety Data Sheet

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name	LINQSTAT™ Volume Conductive Film		
Applications	Volume Conductive Film		
Advised Against	No further relevant information is available		
Supplier Name	Krayden Europe BV		
	Krayden Europe B.V. Industrieweg 15E 1566JN Assendelft, The Netherlands	Krayden Inc 1491 West 124th Ave, Denver, Colorado United States of America +1 (800) 448 0406	Krayden (M) Sdn. Bhd. Valdor Industrial Area, 14200, Sunga Jawi, Penang, Malaysia +60 (15) 460 00453

SECTION 2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE/MIXTURE

According to the European Directive 91/155/EEC, this product is not a harmful product.

Hazard Class	Hazard Category
---------------------	------------------------

Not applicable	Not applicable
----------------	----------------

LABEL ELEMENTS

According to the European Directive 91/155/EEC, this product is not a harmful product.

Hazard Pictogram

None

Signal Word	Not applicable
--------------------	----------------

Other Hazards	Not applicable
----------------------	----------------

Ecological Information	No available data.
-------------------------------	--------------------

Toxicological Information	No available data.
----------------------------------	--------------------

SECTION 3. INGREDIENT COMPOSITION

SUBSTANCES	Not applicable
-------------------	----------------

MIXTURES

Product Description	Carbon loaded polyethylene film
----------------------------	---------------------------------

Chemical Nature	Carbon loaded polyethylene
------------------------	----------------------------

COMPONENTS AND CONCENTRATION RANGES

No.	Components	CAS No.	Proportion (%) ¹
1	Carbon loaded Polyethylene	N/A	100

¹ Specific chemical identity and/or exact concentration of certain components are withheld as confidential business information, where permitted. Hazard classifications, concentration ranges, and other information necessary for safe handling and emergency response are provided

SECTION 4. FIRST AID MEASURES

DESCRIPTION OF FIRST-AID MEASURES

General Advice	As far as is known, no health risks are to be expected.
If inhaled	No need for first aid is anticipated, as the event cannot be anticipated.
In case of skin contact	No need for first aid is anticipated in the event of skin contact.
In case of eye contact	No need for first aid is anticipated in the event of eye contact.
If swallowed	No need for first aid is anticipated in the event of ingestion.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

The most important known symptoms and effects are described in the labelling (see section 2) and/or in Section 11.

Skin Sensitization	Itching, rash; possible delayed allergic dermatitis.
---------------------------	--

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No specific antidote. Treat symptomatically. Monitor for delayed respiratory symptoms.

SECTION 5. FIREFIGHTING MEASURES

EXTINGUISHING MEDIA

Suitable	Carbon dioxide gas, dry chemical foam or water.
-----------------	---

Chemical Nature	No information available
------------------------	--------------------------

SPECIAL HAZARDS ARISING FROM SUBSTANCE OR MIXTURE

Fire Hazard	When comes into contact with sufficient quantity and proportion of air, organic dust can form a flammable or explosive dust/air mixture.
--------------------	--

Hazardous decomposition	Carbon monoxide, carbon dioxide, toxic vapors, gases or particulates. Irritant vapors or gases.
--------------------------------	---

ADVICE FOR FIREFIGHTERS

Precautions during firefighting

Evacuate personnel and isolate the fire area. Keep unauthorized individuals away from the fire area. Move the product to a safe location if possible and ensure the safety of personnel. When extinguishing the fire, maintain a safe position or distance. Water spray is effective in putting out the fire. After the fire is fully extinguished and there is no risk of re-ignition, use water spray to cool the fire area and the container holding the product.

Protections during firefighting

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, tunic and trousers (leggings), bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6. ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

May be Land Filled. Waste Disposal Method: Land Filled In Accordance With Local, State Regulation.

ENVIRONMENTAL PRECAUTIONS

Do not let products enter drains, drinking water sources, surface water, and soil.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**Small Spill**

No special procedures are needed. Clean up any loose materials and dispose of them in a labeled waste disposal bin. Wash away any residue with soap and water; ventilate area.

Large Spill

No special procedures are needed. Clean up any loose materials and dispose of them in a labeled waste disposal bin. Wash away any residue with soap and water; ventilate area.

REFERENCE TO OTHER SECTIONS

For exposure controls/personal protection, see Section 8. For disposal considerations, see Section 13.

SECTION 7. HANDLING AND STORAGE**PRECAUTIONS FOR SAFE HANDLING****Advice on Safe Handling**

Once removed from packaging it should be protected against dust and other impurities.

Hygiene Measures

Contaminated work clothing should not be worn outside workplace premises. Work clothing should be washed before reuse. Wash hands and face after handling the product.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**Storage Conditions**

Should be kept in a cool, (10°C – 25°C) dry place (40% – 75% humidity) away from direct sunlight or temperature extremes. Keep away from heat, sparks and open flames.

Storage Class

Non-combustible.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**EXPOSURE CONTROLS**

Engineering Controls	Use in an ordinary ventilated room and in an appropriately ventilated room when product is heated.
Individual Protection	The selection of protective equipment should at least comply with the local/applicable guidelines of selecting personal protective equipment.
Eye and Face Protection	Use appropriate goggles and face protection., if necessary.
Hand Protection	Wear suitable protective clothing for skin.
Body Protection	Wear suitable protective clothing for body and skin protection.
Respiratory Protection	Avoid inhalation of thermal decomposition products. Avoid breathing of dust created by slitting, cutting, punching, sanding or grinding.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Black, shiny, odorless film
Odor	None
pH	Not determined
Melting Point	Not determined
Boiling Point	Not applicable
Flash Point	Not applicable
Flammability	No data available
Vapor Pressure	Not applicable
Explosive Limit	Not applicable
Auto-Ignition Temperature	Not applicable
Decomposition Temperature	Not determined
Solubility	Not determined
Specific Gravity	Not determined

OTHER INFORMATION

Information about physical hazard classes	No additional information available
Other safety characteristics	No additional information available

SECTION 10. STABILITY & REACTIVITY

Reactivity	Not self-reactive at ambient conditions.
Chemical Stability	Stable under recommended storage (room temperature). Avoid moisture ingress and sunlight.
Possibility of Hazardous Reactions	Non-violent polymerisation occurs only at high temperatures and high pressure with incompatible materials.
Conditions To Avoid	Open flame, heat spark and any other sources of ignition
Incompatible Materials	None under recommended storage and handling conditions.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, toxic vapors, gases or particulates. Irritant vapors or gases.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity (Oral)	Not classified, based on available data
Acute Toxicity (Dermal)	Not classified, based on available data
Acute Toxicity (Inhalation)	Not classified, based on available data
Skin Corrosion/Irritation	Little chance of irritation
Serious Eye Damage/Irritation	Not classified, based on available data
Respiratory or Skin Sensitisation	May cause an allergic skin reaction
Germ Cell Mutagenicity	Not classified, based on available data
Carcinogenicity	Not classified, based on available data
Reproductive Toxicity	Not classified, based on available data
STOT (Single And Repeated Exposure)	Not classified, based on available data
Aspiration Hazard	Not classified, based on available data
Acute Toxicity (Oral)	Not classified, based on available data

INFORMATION ON OTHER HAZARDS

Endocrine-disrupting properties	None of the components are listed as endocrine disrupting under current EU criteria.
Adverse health effects caused by endocrine disrupting properties	No data available. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential adverse human health effects and symptoms No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecological Toxicity No available data

Hazardous to the aquatic environment, short term (acute) No available data

Hazardous to the aquatic environment, long-term (chronic) No available data

Bioaccumulation potential No available data

Mobility in soil No available data

PBT and vPvB assessment No available data

Endocrine-disrupting properties No available data

Other adverse effects No available data

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of waste needs to be carried out at the city, state, or federally permitted disposal facility. Handle in accordance with applicable regulations and/or local authorities.

WASTE NATURE

Non-hazardous waste

WASTE TREATMENT METHODS

Uncured and cured compound Dispose as non-hazardous industrial solid waste following local regulations.

Contaminated absorbents, wipes and PPE Dispose as non-hazardous industrial solid waste following local regulations.

Empty packaging Dispose as non-hazardous industrial solid waste following local regulations.

WASTE TREATMENT PRECAUTIONS

Product may be land-filled in accordance with local and national regulations

SECTION 14. TRANSPORT INFORMATION

UN Number or ID Number

ADR/RID/ADN, IMDG, IATA Not restricted for transportation

Proper Shipping Name

ADR/RID/ADN Not applicable

IMDG Not applicable

IATA Not applicable

Transport Hazard Class

**ADR/RID/ADN, IMDG,
IATA** Not applicable

Hazard Class Not applicable

Label Not applicable

Packing Group

ADR/RID/AND, IMDG, IATA III

Environmental Hazards

Hazard Not applicable

Marine pollutant Not applicable

**Special marking
(ADR/RID/ADN)** Not applicable

Special marking (IATA) Not applicable

**Special precautions for
user** Not applicable

**Hazard identification
number (Kemler code)** Not applicable

EMS Number Not applicable

Stowage Category Not applicable

**Maritime transport in
bulk according to IMO
instruments** Not applicable

Transport/Additional information

Limited quantities (LQ) Not applicable

Excepted quantities (EQ) Not applicable

Transport category Not applicable

Tunnel restriction code Not applicable

UN "Model Regulation" Not applicable

TRANSPORTATION PRECAUTIONS

- During transport, prevent falling, tipping, collisions, and exposure to direct sunlight.
- Pack and transport in a sealed container.
- Transportation must adhere to applicable national and international regulations.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized safety officer. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

SECTION 15. REGULATORY INFORMATION**SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE****Regulation (EC) No. 1907/2006 (REACH) – Annex XVII (Restriction):**

This substance/mixture does not contain any substances subject to restrictions under Annex XVII.

Regulation (EC) 1907/2006 (REACH) – Annex XIV (Authorisation):

This substance/mixture does not contain any substances subject to authorization under Annex XIV.

Regulation (EC) No. 1907/2006 (REACH) – Candidate List of Substances of Very High Concern (SVHC):

None of the ingredients are listed as SVHCs established under REACH Article 59.

Regulation (EC) No. 1272/2008 (CLP):

Classification, labeling, and packaging of substances and mixtures comply with CLP requirements.

Directive 2012/18/EU (Seveso III Directive) – Annex I:

This substance/mixture is not classified as a named dangerous substance under the Seveso III Directive.

Directive 2011/65/EU (RoHS Directive) – Annex II:

The substance is not listed as a restricted material under the RoHS Directive.

National Regulations:

Observe national and local worker-protection and environmental release rules

CHEMICAL SAFETY ASSESSMENT

No chemical-safety assessment has been carried out for this mixture.

SECTION 16. OTHER INFORMATION

The information in this safety data sheet was obtained from reputable sources and to the best of our knowledge is accurate and current at the mentioned date. Neither Krayden Inc. nor Krayden Europe BV accept any liability arising out of the use of the information provided here or the use, application or processing of the product described herein.

Employers should use this information only as a supplement to other information gathered by them and should make independent judgments of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.



Safety Data Sheet

Version No.
Revision Date

02
9-Jul-26