Safety Data Sheet: ELECTRA COAT AEROSOL

Supercedes Date: 12/28/2016 **Issuing Date:** 01/23/2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: ELECTRA COAT AEROSOL
Recommended use Clear coating
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code: 5687
Chemical nature Polymer suspension
Emergency Telephone

Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Colorless - Light yellow **Physical state** Liquid **Odor** Petroleum distillates

GHS Classification

Physical Hazards

Flammable Aerosols	Category 1
Gases under pressure	Compressed Gas

Health Hazard

Acute Inhalation Toxicity - Gas	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2A
Reproductive Toxicity	Category 2
Specific target organ systemic toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2

Other hazards
None

Labeling
Signal Word
DANGER

Hazard statements
H222 - Extremely flammable aerosol
H332 - Harmful if inhaled
H336 - May cause drowsiness or dizziness
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H361 - Suspected of damaging fertility or the unborn child
H373 - May cause damage to organs through prolonged or repeated exposure
H280 - Contains gas under pressure; may explode if heated

Precautionary Statements
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat, sparks, open flames or hot surfaces.
P211 - Do not spray on an open flame or other ignition source
P251 - Pressurized container: Do not pierce or burn, even after use
P260 - Do not breathe vapor, mist or gas
P271 - Use in a well-ventilated area.
P280 - Wear protective gloves, protective clothing and eye protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P312 - Call a physician if unwell.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P332 + P313 - If skin irritation occurs, get medical attention.
P362 - Take off contaminated clothing and wash before reuse.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical attention.
P308 + P313 - IF exposed or concerned, get medical attention
P403 - Store in a well-ventilated place
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P501 - Dispose of contents and container in accordance with applicable regulations

17 % of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Xylenes (o-, m-, p- isomers)	1330-20-7	15-40
Hexane	110-54-3	15-40
Petroleum gases, liquified, sweetened	68476-86-8	15-40
Styrene-butadiene polymer	9003-55-8	10-30

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice Avoid breathing vapors, mist, or gas. Avoid contact with skin, eyes and clothing.

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.

Skin Contact Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.

Inhalation Move to fresh air. In case of shortness of breath, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

Ingestion Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if irritation develops and persists.

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point -136 °F / -93 °C **Method** Seta closed cup

Flammability Limits in Air %: Solvent mixture. **Upper:** 9.5 **Lower:** 0.9

Suitable Extinguishing Media

Foam. Dry chemical. Water spray. Carbon dioxide (CO2). Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical

Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Flame extension: >30 inches / >75 cm and Burnback: 6 inch / 15 cm.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

Aerosol Level (NFPA 30B) - 3

NFPA **Health** 2 **Flammability** 4 **Instability** 0

HMIS - **Health** 2 **Flammability** 4 **Physical Hazard** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment. Ensure adequate ventilation. Take precautionary measures against static discharges. Remove all sources of ignition. Material can create slippery conditions.

Environmental precautions Do not flush into surface water or sanitary sewer system.

Methods for Containment Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning Up Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.

Neutralizing Agent Not applicable.

7. HANDLING AND STORAGE

Handling Keep away from open flames, hot surfaces and sources of ignition. Avoid breathing vapors, mist or gas. Avoid contact with skin, eyes and clothing.

Storage Keep away from heat and sources of ignition. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

Storage Temperature **Minimum** 35 °F / 2 °C **Maximum** 130 °F / 54 °C

Storage Conditions **Indoor** X **Outdoor** **Heated** **Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Hexane	TWA: 50 ppm Skin	TWA: 500 ppm TWA: 1800 mg/m^3	1100 ppm TWA: 50 ppm TWA: 180 mg/m^3

Xylenes (o-, m-, p- isomers)	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm TWA: 435 mg/m^3	No data available
Styrene-butadiene polymer	3 mg/m^3 PNOS	5 mg/m^3 PNOR	No data available

Engineering Measures Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment

Eye/Face Protection Tightly fitting safety goggles.

Skin Protection Wear suitable protective clothing, Impervious gloves.

Respiratory Protection In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations Wear protective gloves/clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	**Viscosity**	Semi-viscous
Color	Colorless - Light yellow	**Odor**	Petroleum distillates
Odor Threshold	Not applicable	**Appearance**	Transparent - Hazy
pH	Not applicable	**Specific Gravity**	0.77
Evaporation Rate	>1	**Percent Volatile (Volume)**	0
VOC Content (%)	83	**VOC Content (g/L)**	639
Vapor pressure	No information available	**Vapor Density**	>1 (Air = 1.0)
Solubility	Negligible	**n-Octanol/Water Partition**	No data available
Melting Point/Range	No data available	**Decomposition Temperature**	No data available
Boiling Point/Range	No data available	**Flammability (solid, gas)**	No data available
Flash Point	-136 °F / -93 °C	**Method**	Seta closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Solvent mixture	**Upper:** 9.5 **Lower:** 0.9	

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Keep away from open flames, hot surfaces, and sources of ignition.
Incompatible Products	Strong oxidizing agents.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 No information available

Dermal LD50 No information available

Inhalation LC50

Gas No information available

Mist No information available

Vapor No information available

Principle Route of Exposure Skin contact, Inhalation, Eye contact.

Primary Routes of Entry Skin contact, Skin Absorption, Inhalation.

Acute Effects:

Eyes Causes serious eye irritation.

Skin Causes skin irritation.

Inhalation Causes respiratory tract irritation. Inhalation may cause central nervous system effects. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity Repeated and prolonged exposure to solvents may cause brain and nervous system damage. May cause irregular heartbeats, especially under conditions of stress. Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood. Suspect reproductive hazard - contains material which may injure unborn child.

Target Organ Effects: Eyes, Skin, Respiratory system, Central nervous system.

Aggravated Medical Conditions Skin disorders, Respiratory disorders, Neurological disorders.

Component Information

Acute Toxicity

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Xylenes (o-, m-, p- isomers)	= 4300 mg/kg (Rat)	> 1700 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h =	No data available	No data available

1330-20-7			= 5000 ppm (Rat) 4 h > 5.04 mg/L (Rat) 4 h		
Hexane 110-54-3	= 25 g/kg (Rat) = 15000 mg/kg (Rat)	= 3000 mg/kg (Rabbit)	= 48000 ppm (Rat) 4 h	No data available	No data available

Chemical name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Hexane 110-54-3	No data available	No data available	No data available	yes	Peripheral Nervous System (PNS); Heart; Auditory System; Skin; Central nervous system; Eyes; Respiratory system

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA	Other
Xylenes (o-, m-, p- isomers) 1330-20-7	A4	Group 3	Not applicable	Not applicable	Not applicable
Styrene-butadiene polymer 9003-55-8	Not applicable	Group 3	Not applicable	Not applicable	Not applicable

12. ECOLOGICAL INFORMATION

Product Information No information available.

Additional Ecological Information: No information available

Component Information

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Xylenes (o-, m-, p- isomers)	EC50 = 11 mg/L Pseudokirchneriella subcapitata 72 h	LC50 = 13.4 mg/L Pimephales promelas 96 h LC50 2.661 - 4.093 mg/L Oncorhynchus mykiss 96 h LC50 7.711 - 9.591 mg/L Lepomis macrochirus 96 h LC50 13.1 - 16.5 mg/L Lepomis macrochirus 96 h LC50 13.5 - 17.3 mg/L Oncorhynchus mykiss 96 h LC50 = 19 mg/L Lepomis macrochirus 96 h LC50 = 780 mg/L Cyprinus carpio 96 h LC50 > 780 mg/L Cyprinus carpio 96 h LC50 23.53 - 29.97 mg/L Pimephales promelas 96 h LC50 30.26 - 40.75 mg/L Poecilia reticulata 96 h	EC50 = 0.0084 mg/L 24 h	0.6: 48 h Gammarus lacustris mg/L LC50 3.82: 48 h water flea mg/L EC50	3.15
Hexane	No information available.	LC50 2.1 - 2.98 mg/L Pimephales promelas 96 h	No information available	1000: 24 h Daphnia magna mg/L EC50	N/A
Petroleum gases, liquified, sweetened	No information available.	No information available.	No information available	No information available.	2.8

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Contents under pressure. Do not puncture. Empty containers should be taken for local recycling, recovery, or waste disposal. Empty remaining contents.

14. TRANSPORT INFORMATION

DOT
Proper Shipping Name CONSUMER COMMODITY
Hazard Class ORM-D

Description CONSUMER COMMODITY,ORM-D

TDG

Proper shipping name	Aerosols
Hazard Class	2.1
UN-No	UN1950
Description	AEROSOLS,2.1,UN1950 LTD. QTY.

ICAO

UN-No	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.1
Shipping Description	UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY

IATA

UN-No	UN1950
Proper Shipping Name	AEROSOLS, FLAMMABLE
Hazard Class	2.1
ERG-Code	10L
Shipping Description	UN1950, AEROSOLS, FLAMMABLE,2.1, LTD QTY

IMDG/IMO

UN proper shipping name	AEROSOLS
Hazard Class	2.1
UN Number	UN1950
EmS No.	F-D, S-U
Description	UN1950, AEROSOLS,2.1, LTD QTY

15. REGULATORY INFORMATION

Inventories

TSCA	Complies
DSL	Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values
Hexane	110-54-3	15-40	1.0
Xylenes (o-, m-, p- isomers)	1330-20-7	15-40	1.0

SARA 311/312 Hazardous Categorization

See Section 2

CERCLA

Chemical name	Hazardous Substances RQs	CERCLA EHS RQs
Xylenes (o-, m-, p- isomers)	100 lb	Not applicable
Hexane	5000 lb	Not applicable

16. OTHER INFORMATION

Prepared By	Kim Franklin
Supercedes Date:	12/28/2016
Issuing Date:	01/23/2020
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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