

Safety Data Sheet ELECTRA CO..

Supersedes Date 12/16/2014

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name ELECTRA CO..
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 Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Colorless - Light yellow

Physical state Liquid

Odor Petroleum distillates

GHS

Classification

Physical Hazards

Flammable Aerosols
Gases under pressure

Category 1
Compressed Gas

Health Hazard

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

Category 4
Category 2
Category 2A
Category 2
Category 3
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 at rest in a position 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 local regulations.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Component | CAS No. | Weight % |
|---------------------------------------|------------|----------|
| Xylenes (o-, m-, p- isomers) | 1330-20-7 | 15-40 |
| Hexanes | 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 (CO ₂). 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 | Instability 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

| Component | ACGIH TLV | OSHA PEL | NIOSH |
|------------------------------|-------------------------------|---|---|
| Xylenes (o-, m-, p- isomers) | TWA: 100 ppm STEL: 150 ppm | TWA: 100 ppm TWA: 435 mg/m ³ | No data available |
| Hexanes | TWA: 50 ppm Skin | TWA: 500 ppm TWA: 1800 mg/m ³ | 1100 ppm TWA: 50 ppm TWA: 180 mg/m ³ |
| 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 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

| Component | Oral LD50 | Dermal LD50 | Inhalation LC50 | Draize Test | Other |
|---|-----------------------|-------------------------|---|-------------------|-------------------|
| Xylenes (o-, m-, p- isomers) 1330-20-7 | = 4300 mg/kg (Rat) | > 1700 mg/kg (Rabbit) | = 29.08 mg/L (Rat) 4 h > 5.04 mg/L (Rat) 4 h | No data available | No data available |
| Hexanes 110-54-3 | = 15000 mg/kg (Rat) | = 3000 mg/kg (Rabbit) | = 48000 ppm (Rat) 4 h | No data available | No data available |

| Component | Mutagenicity | Sensitization | Developmental Toxicity | Reproductive Toxicity | Target Organ Effects |
|---------------------|-------------------|-------------------|------------------------|-----------------------|--|
| Hexanes 110-54-3 | No data available | No data available | No data available | X | Skin; Central nervous system; Eyes; Respiratory system |

Carcinogenicity

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

| Component | 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.

Component Information

| Component | 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 13.5 - 17.3 mg/L Oncorhynchus mykiss 96 h LC50 13.1 - 16.5 mg/L Lepomis macrochirus 96 h LC50 = 19 mg/L Lepomis macrochirus 96 h LC50 7.711 - 9.591 mg/L Lepomis macrochirus 96 h LC50 23.53 - 29.97 mg/L Pimephales promelas 96 h LC50 = 780 mg/L Cyprinus carpio 96 h LC50 > 780 mg/L Cyprinus carpio 96 h LC50 30.26 - 40.75 mg/L Poecilia reticulata 96 h | EC50 = 0.0084 mg/L 24 h | 3.82: 48 h water flea mg/L EC50 0.6: 48 h Gammarus lacustris mg/L LC50 | 3.15 |
| Hexanes | No information available. | LC50 2.1 - 2.98 mg/L Pimephales promelas 96 h | No information available | No information available. | 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
Hazard Class
Description

CONSUMER COMMODITY
ORM-D
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

Proper Shipping Name AEROSOLS
Hazard Class 2.1
UN-No 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:

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

SARA 311/312 Hazardous Categorization

| Acute Health Hazard | Chronic Health Hazard | Fire Hazard | Sudden Release of Pressure Hazard | Reactive Hazard |
|---------------------|-----------------------|-------------|-----------------------------------|-----------------|
| Yes | Yes | Yes | Yes | No |

CERCLA

| Component | Hazardous Substances RQs | CERCLA EHS RQs |
|------------------------------|--------------------------|----------------|
| Xylenes (o-, m-, p- isomers) | 100 lb | Not applicable |
| Hexanes | 5000 lb | Not applicable |

16. OTHER INFORMATION

Prepared By Samantha Purvis
Supersedes Date 12/16/2014
Issuing Date 12/28/2016
Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

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