



MSDS Number: EMI-EU010

Version: 1.0

SAFETY DATA SHEET

Prepared in accordance with Regulation (EC) No. 1907/2006

1.0 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: SIL25RXP
Product Use: Elastomer
Formula: Mixture
Supplier: Laird Technologies- EMI Division
4707 Detroit Avenue
Cleveland, OH 44102
Telephone Number: (216) 939 – 2300
Emergency Number: (216) 939 – 2300
Email Address: clv-customerservice@lairdtech.com
Date of Issue: August 6, 2010

2. HAZARDS IDENTIFICATION

Classification for Supply: Xi; R36/38 irritating to eyes and skin
The material may cause sensitization by skin contact and may be irritating to the eyes.
Health Hazards: Ingestion may cause irritation of the mouth, throat, and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Reg. #	EC#	Weight %	Risks
Cyclohexylamine	108-91-8	203-629-0	<5%	Xi; R36/38

4. FIRST AID MEASURES

Ingestion: If conscious, give several glasses of water but do not induce vomiting. If vomiting does occur, give additional fluids. Get medical attention if symptoms occur.

Skin Contact: Remove completely with dry cloth or paper towel. Use a waterless hand cleaner to remove as much as of the remaining material as possible before washing with soap and water.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration and obtain immediate medical attention.

Eyes Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water-spray, carbon dioxide, dry chemical or alcohol-resistant foam.

Fire and Explosion Hazards: This material does not present any unusual fire or explosion hazards. It hydrolyzes on contact with moisture releasing ignitable, corrosive vapors.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, formaldehyde, silicon dioxide, nitrogen oxides, and incompletely combusted hydrocarbons.

Special Protective Equipment for Fire Fighters: Fire fighters should wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear PPE (See Section 8). Avoid contact with eyes and skin. Avoid inhaling mists and vapors. If material is released there is a risk of slipping if walked through.

Environmental Precaution: Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material. Retain contaminated water/extinguishing water.

Methods for Clean Up: Do not flush away with water. For small amounts, use absorbents such as diatomaceous earth or clay. Contain larger amounts and pump into suitable containers. Clean any slippery surfaces with a detergent solution or another biodegradable cleaner.

7. HANDLING AND STORAGE

Handling: Avoid formation of aerosols. In case of aerosol formation, special protective measures are required (ventilation and/or respiratory protection).

Storage: Keep containers tightly closed. Keep containers in a cool, well-ventilated area.

Not Suitable: Do not allow contact with acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls: No special ventilation requirements if good ventilation is maintained.

Hygiene Measures: Wash hands after handling this product and before eating, smoking, using the restroom, and at the end of the day.

Personal Protective Equipment:

Respiratory Protection: Recommendation in case of long or strong exposure: NIOSH approved air purifying respirator equipped with approved gas vapor cartridges is recommended if overexposure to chemical vapors could occur. If eye irritating vapors are present, a full-face respirator should be worn.

Skin and Body: Protective clothing such as a rubber apron, over-sleeves, lab coat, coveralls, or a Tyvek suit should be worn if splashing could occur. Provide eye wash and safety shower.

Hands: Wear protective gloves if prolonged or repeated contact is likely. Wear chemical resistant gloves. PVC or butyl rubber gloves are recommended. Protective gloves will deteriorate over time due to physical and chemical damage. Inspect and replace gloves on a regular basis. The frequency of replacement will depend upon the circumstances of use.

Eyes: Safety glasses with side shields are recommended.

NOTE FOR PERSONS WEARING CONTACT LENS: If skin contact has occurred, traces of silicone resin may remain on the skin for several days, even after washing thoroughly. Contact lenses should be removed prior to working with this product. The lenses should not be handled again until all traces of silicon resin have been removed from the hands, as the silicon resin could transfer to the contact lenses and cause severe eye irritation.

Exposure Guidelines: Cyclohexylamine Exposure: ACGIH – TWA 10 ppm

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Paste
Colour:	Cream
Odor:	Amine/Aromatic
Flash Point:	>200° C (>392° F)
Density:	1.15 g/cc @ 25° C
Volatile by Volume:	Not established
Vapor Pressure:	Not established
Vapor Density:	Not established
Evaporation Rate:	Not established
Solubility in Water @ 20° C :	Insoluble

10. STABILITY AND REACTIVITY

Conditions to Avoid:	Moisture
Materials to Avoid:	Acids and water. Reaction causes the formation of amines.
Hazardous Decomposition Products:	Amines are formed on the effect of humidity, water and protic agents. Measurements have shown the formation of small amounts of formaldehyde through oxidation at temperatures above 150° C

11. TOXICOLOGICAL INFORMATION

Toxicity:	Toxicological testing has not been conducted.
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12. ECOLOGICAL INFORMATION

Persistence/Degradability:	Complete information is not yet available.
Mobility:	This material is a paste and not expected to migrate into groundwater or other water courses.
Bioaccumulative Potential:	This product is not expected to bioaccumulate through food chains in the environment.
Environmental Hazards:	Complete information is not yet available.

13. DISPOSAL CONSIDERATIONS

Disposal Consideration/ Waste Information:	The product should not be disposed of via the drain or by landfill. Disposal must be in accordance with current national and local regulations. We recommend that you contact either the authorities or approved waste disposal companies who will advise you on how to dispose of this material.
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14. TRANSPORT INFORMATION

Not classified as hazardous for transportation (ADR/RID, ADNR, IMDG, ICAO/IATA)

15. REGULATORY INFORMATION

Symbols and Indications of Danger



Xi
IRRITANT
1907/2006



IRRITANT
GHS Designation

Risk Phrases R36/38 – Irritating to eyes and skin

Safety Phrases S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection.

16. OTHER INFORMATION

NOTICE: The information herein is based on data considered to be accurate at date of preparation. No warranty is made as to the accuracy or completeness of the foregoing data and safety information. No responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

Schedule of Revisions

Version 1.0 – Original created August 11, 2010