

Safety Data Sheet: MICRO-PEL NF

Supersedes Date 01/14/2010

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name MICRO-PEL NF
Recommended use Water-borne coatings
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code T037
Chemical nature Silicone elastomer (as an emulsion)
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Light Straw

Physical state Liquid

Odor Odorless

GHS

Classification

Physical Hazards

None

Health Hazard

None

Other hazards

None

Labeling

Signal Word

Not classified

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Water, distilled, conductivity or of similar purity	7732-18-5	60-100
Polydimethylsiloxane	63148-62-9	1-5

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

4. FIRST AID MEASURES

General advice No information available.
Eye Contact No hazards which require special first aid measures.
Skin Contact No hazards which require special first aid measures.
Inhalation No hazards which require special first aid measures.
Ingestion No hazards which require special first aid measures.
Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point Does not flash
Flammability Limits in Air %: Not applicable. **Method** No data available
Upper: No data available **Lower:** No data available

Suitable Extinguishing Media

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

Specific hazards arising from the chemical

Material can create slippery conditions.

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.

NFPA Health 0 Flammability 0 Instability 0
HMIS - Health 0 Flammability 0 Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
Environmental Precautions	No information available.
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	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	No information available.			
Storage	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.			
Storage Temperature	Minimum	35 °F / 2 °C	Maximum	120 °F / 49 °C
Storage Conditions	Indoor	X	Outdoor	Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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	Not required under normal use.
Skin Protection	Not required under normal use.
Respiratory Protection	Not required under normal use.
General Hygiene Considerations	Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	Viscosity	Non viscous
Color	Light Straw	Odor	Odorless
Odor Threshold	Not applicable	Appearance	Opaque
pH	6	Specific Gravity	1.01
Bulk Density (lb/cu ft)	8.42	Evaporation Rate	0.6
Percent Volatile (Volume)	0	VOC Content (%)	0
VOC Content (g/L)	0	Vapor Pressure	17.32 mmHg @ 70°F
Vapor Density	0.6 (Air = 1.0)	Solubility	Completely soluble
n-Octanol/Water Partition	No data available	Melting Point/Range	No data available
Decomposition Temperature	No data available	Boiling Point/Range	212 °F / 100 °C
Flammability (solid, gas)	No data available		
Flash Point	Does not flash	Method	No data available
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Not applicable	Upper:	No data available
		Lower:	No data available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	None known.
Incompatible Products	Strong oxidizing agents, Reducing agents, Amines.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides, Sulfur oxides, Hydrogen chloride gas, Formaldehyde.
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, Eye contact.

Primary Routes of Entry None known.
Acute Effects:
Eyes Low hazard for usual industrial or commercial handling.
Skin Low hazard for usual industrial or commercial handling.
Inhalation Low hazard for usual industrial or commercial handling.
Ingestion Low hazard for usual industrial or commercial handling.
Chronic Toxicity None known.
Target Organ Effects None known.
Aggravated Medical Conditions None known.

Component Information

Acute Toxicity None known

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Water, distilled, conductivity or of similar purity 7732-18-5	> 90 mL/kg (Rat)	no data available	No data available	No data available	No data available

Chronic Toxicity None known

Carcinogenicity There are no known carcinogenic substances in this product.

12. ECOLOGICAL INFORMATION

Product Information No information available.
 Component Information

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 Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated
TDG Not regulated
ICAO Not regulated
IATA Not regulated
IMDG/IMO Not regulated

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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
No	No	No	No	No

CERCLA

16. OTHER INFORMATION

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Reason for Revision No information available.

Glossary No information available.

List of References. No information available.

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