



Safety Data Sheet

BREAKDOWN

Prepared/Revision Date: August 3, 2015

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

BREAKDOWN

Manufactured/Supplied by:

PRO-TEX-ALL
210 S. Morton Avenue
Evansville, IN 47713
Phone: 812-424-8268

24 Hour Emergency Response Information

Emergency Number Only
Chemtrec 800-424-9300

Recommended use: Silicone Emulsion
Restrictions on use: Industrial Use ONLY
Chemical Family: Silicone Emulsion
Formula: Mixture

2. HAZARD IDENTIFICATION

This SDS conforms to HazCom 2012, OSHA Hazard Communication Standard 29CFR Part 1910.1200 & WHMIS 2015

OSHA/HCS Status: This Material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

WHMIS Status: This Material is considered hazardous by under WHMIS 2015

Classification:

Physical Hazard(s): None

Health Hazard(s): Serious Eye Damage / Eye Irritation : Category 2A

Environmental Hazard(s): Aquatic Hazard (Acute) : Category 2



Signal Word(s): WARNING

Hazard Statement: H319 - Causes serious eye irritation
H401 - Toxic to aquatic life

Precautionary Statements:

P264 - Wash hands thoroughly after handling
P280 - Wear eye or face protection.
P273 - Avoid release to the environment
lenses, if present and easy to do. Continue rinsing P337 + P313 if eye irritation persists: Get medical
P391 - Collect spillage

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

Other: This product contains methylpolysiloxanes which can generate formaldehyde at approximately 150°C (300°F) and above, in atmospheres that contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

This product contains the following Hazardous Ingredients, all other ingredients are considered Proprietary

Name	CAS Number	Concentration Range
Ethoxylated Fatty Alcohol	9005-00-9	1-3%



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4. FIRST AID MEASURES

Inhalation:	Provide fresh air. Get medical attention if any discomfort continues.
Skin:	Wash with plenty of soap and water. If irritation persists, obtain medical attention.
Eye:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
Ingestion:	Rinse mouth with water. Do not give victim anything to drink if he is unconscious. Give several small portions of water to drink. Do not induce vomiting.
Acute & Delayed Symptoms / Effects:	Any relevant information can be found in other parts of this section.
Immediate Medical Attention & Special Treatment:	No data are available.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Fire can be extinguished using foam, water spray, dry chemicals or Carbon dioxide
Unsuitable Extinguishing Media:	None known.
Specific Hazards Arising from the Chemical:	None known.
Special Firefighting Procedures:	A self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving Chemicals. Use water spray to keep fire exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear proper Protective Equipment:
Non-Emergency Personnel	If material is released indicate risk of slipping.
Emergency Responders	If material is released indicate risk of slipping.
Environmental Precautions:	Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material.
Methods & Materials for Containment & Cleaning up:	Take up mechanically and dispose of according to local/state/federal regulations. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump into suitable containers. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner.

7. HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid contact with skin and eyes. Spilled substance increases risk of slipping.
Conditions for Safe Storage:	Store between 4 - 27°C (40 - 80°F). Protect against Sun & Frost. Do not allow this material to freeze. Allowing temperature to exceed 27°C (80°F) can cause instability of the material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:	
Occupational Exposure Limit:	UNK
Biological Limit:	UNK
Engineering Controls:	Eye wash stations.
Ventilation:	General
Individual Protection Measures:	
Respiratory Protection:	No personal respiratory protective equipment is normally required. If deemed required select NIOSH/MSHA approved equipment.
Protective Gloves:	Nitrile or rubber gloves. Wash at mealtime and end of shift is adequate.
Eye and Face Protection:	Safety goggles
Other Protective Equipment:	Handle in accordance with good industrial hygiene and safety practice.



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9. PHYSICAL AND CHEMICAL PROPERTIES

(not intended for use in preparing specifications)

Appearance:

Physical State: Liquid

Colour: Milky White

Odour: Odourless

Odour threshold: UNK (PPM)

pH: ~4-7

Melting point / freezing point: ~0 (°C) ~32 (°F)

Initial Boiling Point & Boiling Range: NA (°C) NA (°F)

Flash Point: >200 (°C) >392 (°F) (Closed Cup)

Evaporation rate: NA

Flammability: Not Flammable

Flammability Limits

Upper Limit: ND (%) **Lower Limit:** ND (%)

Vapour Pressure: NA (20°C) (MM/HG)

Vapour Density: NA (AIR=1)

Relative density: ~1

Solubility (ies):

Water: Dilutable

Organic Solvent: Unk

Partition coefficient: (n- UNK

Auto - ignition: UNK

Decomposition: UNK

Viscosity: NA cSt

10. STABILITY AND REACTIVITY

Reactivity: If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Chemical Stability: This mixture is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Possibility of Hazardous reactions: It is not expected the mixture will react or polymerize, releasing excess pressure or heat, or creating other hazardous conditions.

Conditions to Avoid: Avoid contact with strong oxidizers. Avoid excessive heat for prolonged periods of time.

Incompatible Materials: There are no known chemicals with which this mixture could react to produce a hazardous situation.

Hazardous Decomposition Products: Carbon dioxide, Carbon Monoxide, Silicon dioxide, Formaldehyde.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Based on the available data acute toxic effects are not expected after single oral exposure.

Route of Exposure	Result/Effect	Species/Test System	Source
Oral	LD50: >500,000 mg / Kg	Rat	Conclusion by analogy

Skin Corrosion / Irritation: No adverse effects are normally expected.

Serious Eye Damage / Irritation: Causes serious eye irritation.

Germ Cell Mutagenicity: For this endpoint no toxicological test data is available for the whole product.

Carcinogenicity: This product or one of its ingredients present 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

Reproductive Toxicity: For this endpoint no toxicological test data is available for the whole product.

STOT-single Exposure: For this endpoint no toxicological test data is available for the whole product.



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STOT-repeated Exposure: For this endpoint no toxicological test data is available for the whole product.
Aspiration Hazard: For this endpoint no toxicological test data is available for the whole product.
Likely Routes of Exposure: Skin & Eye contact
Related Symptoms: None Known.
Acute Health Effects:
 Delayed Effects: No adverse effects are normally expected.
 Immediate Effects: Causes irritation when in contact with eyes.
Chronic Health Effects:
 Delayed Effects: No adverse effects are normally expected.
 Immediate Effects: No adverse effects are normally expected.
Other Information: None Known.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Expected to be toxic to aquatic life.

Result / Effect	Species/Test System	Source
>800 mg/l / 96h	Pimephales promelas (fathead minnow)	Based on data obtained from similar substances
>10,000 mg/l / 96h	Oncorhynchus mykiss (rainbow trout)	Based on data obtained from similar substances
32 mg/l / 48h	Daphnia magna (Water flea)	Based on data obtained from similar substances

Persistence and Degradability: Silicone content: Biologically not degradable. Absorbed by floating particles. Separation by sedimentation. Emulsifier: Readily biologically degradable.
Bioaccumulative potential: No adverse effects expected.
Mobility in soil: No adverse effects expected. Separation by sedimentation.
Other Adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Disposal Methods:
 Material Recommendation: Dispose of according to regulations by incineration in a special waste incinerator. Observe local/state/federal regulations.
 Packaging Recommendation: Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

14. TRANSPORT INFORMATION

Transport Hazard Class(es) & Packing Group

UN Number: Not regulated for transport
UN Shipping Name: Not regulated for transport
IATA: Not regulated for transport
American Class:
 DOT Shipping Name: Not regulated for transport
 DOT Hazard Class: Not regulated for transport
 DOT Label(s): Not regulated for transport
 Placards: Not regulated for transport
European Class:
 Road ADR: Not regulated for transport
 Railway RID: Not regulated for transport



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Transport by sea IMDG- Code: Not regulated for transport

Air Transport ICAO-TI/IATA- DGR: Not regulated for transport

Canadian Class: TDG: Not regulated for transport

Environmental Hazard(s): Hazardous to the environment: no
Special Precautions: Relevant information in other sections have to be considered.
Annex II of MARPOL 73/78:
IBC Code:

15. REGULATORY INFORMATION

TSCA - USA All components are listed or exempt.
DSL - Canada All components are listed or exempt.
EINECS-Europe All components are listed or exempt.
Sara Section 302: None Found
Sara (311,312) None
Hazard Class:

None

Sara (313) Chemicals: None
CPSC Classification:

EXPORT

Schedule B/HTSUS: 3910.00 Silicones in Primary Form
ECCN: EAR99

Hazard Rating System

HMIS	Flammability 0	Reactivity 0	Health 1
NFPA	Flammability 0	Reactivity 0	Health 1

16. OTHER INFORMATION

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are in the specific content of the intended use. Believed to be generally applicable. However, each user should review these recommendations

C =	ceiling limit	NEGL	=	negligible
EST=	estimated	NF	=	none found
NA =	not applicable	UNK	=	unknown
NE =	none established	REC	=	recommended
ND =	none determined	V	=	recommended by vendor
SKN=	skin	TS	=	trade secret
R =	recommended	MST	=	mist
NT =	not tested	STEL	=	short term exposure limit