EPRO Services, Inc.
(800) 882-1896
eproinc.com

7/1/20

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

1. PRODUCT IDENTIFICATION

Trade Name(s): Polymers
Product Description: Synthetic rubber latex
CAS No: N/A

Supplier:
EPRO Services, Inc.
PO Box 347
Derby, KS 67037
800-882-1896 (8:00am – 5:00pm CST)

2. HAZARD(S) IDENTIFICATION

HAZCOM Standard Status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Physical state: Liquid.
Color: White.
Classification of the substance or mixture: Not classified.
Signal word: No signal word.
Hazard statements: No known significant effects or critical hazards.
Hazard Not Otherwise Classified (HNOC): None known.

Precautionary statements
Prevention: Not applicable.
Response: Not applicable.
Storage: Not applicable.
Disposal: Not applicable.
Supplemental label elements: Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials and food and drink.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture: Mixture
The following potentially hazardous ingredient(s) are used to formulate this product. As supplied, the ingredient(s) are bound in a polymer matrix. Because they are bound in the matrix, they are not expected to create any unusual hazards when handled and processed according to good manufacturing and industrial hygiene practices and the guidelines provided by this SDS.

Ingredient name	%	CAS number
Oleic Acid, Potassium Salt	3 - 5%	143-18-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

Occupational exposure limits, if available are listed in Section 8.

4. FIRST-AID MEASURES

Description of first aid measures
Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Get medical attention if thermal burns occur.
Ingestion: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Potential acute health effects
Eye contact: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
Skin contact: Contact with hot material will cause thermal burns.
Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms
Eye contact: No specific data.
Inhalation: No specific data.
Skin contact: Reddening, itching, swelling, burning and possible permanent damage.
Ingestion: No specific data.

Potential chronic health effects
No known significant effects or critical hazards.

Notes to physician: Treat symptomatically. No specific treatment.
Protection of first aiders: No special measures required.
See toxicological information (Section 11)

5. FIRE-FIGHTING MEASURES

Extinguishing media
Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire. In case of fire, use water spray (fog), foam or dry chemical.
Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical: In a fire or if heated, a pressure increase will occur, and the container may burst. Toxic and irritating gases/fumes may be given off during burning or thermal decomposition.
Hazardous thermal decomposition products: Decomposition products may include the following materials: carbon dioxide, carbon monoxide, metal oxide/oxides
Special protective actions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

Methods and materials for containment and cleaning up: Stop leak if without risk. Move containers from spill area. Prevent entry into the sewage system, risk of blockage due to polymer deposits. Take up spilt latex with absorbent material or precipitate latex residue with sodium chloride and remove polymer coagulate. Dispose of via a licensed waste disposal contractor.

7. HANDLING AND STORAGE

Precautions for safe handling
Protective measures: Remove contaminated clothing and protective equipment before entering eating areas. Workers should wash hands and face before eating, drinking, and smoking. Put on appropriate personal protection equipment. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Residual monomer vapors are liberated during latex processing, particularly during open handling, specific applications, and drying processes. Increased monomer concentrations are also likely to occur in the head space of drums, storage, and waste material containers, in general near to the latex surface.

Conditions for safe storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Empty containers or liners may retain some product residues.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits: No exposure limit value known.
Appropriate engineering controls: Thermal processing operations should be ventilated to control gases and fumes given off during processing.

Personal protection

Hygiene measures: Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Skin protection: Wear cloth work clothing including long pants and long-sleeved shirts, and gloves. When handling hot material wear heat-resistant protective gloves that can withstand the temperature of molten product. Suitable protective footwear.

Eye/face protection: If contact with product is possible, wear safety glasses with side shields.

Medical Surveillance: Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid. [aqueous suspension]

Color: White.

Odor: Odorless.

Odor threshold: Not available.

pH: 11

Boiling point: 100 °C (1013 hPa)

Melting point: Not available.

Flash point: Not available.

Evaporation rate: Not available.

Explosion limits: Not available.

Vapor pressure: Not available.

Specific gravity (Relative density): 0.95

Solubility: Insoluble in the following materials: cold water

Partition coefficient: n-octanol/water: Not available.

Vapor density: Not available.

Viscosity: Dynamic: 800 mPa·s

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

10. STABILITY AND REACTIVITY

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: The product is stable.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid: Keep away from heat and direct sunlight.

Incompatible materials: No specific data.

Hazardous decomposition products: Formation of hydrogen chloride during thermal decomposition.

11. TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure: Dermal contact. Eye contact. Inhalation.

Potential acute health effects
Eye contact: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
Skin contact: Contact with hot material will cause thermal burns.
Ingestion: No known significant effects or critical hazards.

Symptoms related to the physical, chemical, and toxicological characteristics
Eye contact: No specific data.
Inhalation: No specific data.
Skin contact: Reddening, itching, swelling, burning and possible permanent damage.
Ingestion: No specific data.

Potential chronic health effects
No known significant effects or critical hazards.

Short term exposure
Potential immediate effects: Not available.

Long term exposure
Potential delayed effects: Not available.
General: No known significant effects or critical hazards.
Carcinogenicity: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.
Developmental effects: No known significant effects or critical hazards.
Fertility effects: No known significant effects or critical hazards.

Information on toxicological effects
Acute toxicity

Ingredient name	Result	Species	Dose	Exposure	Test
Oleic Acid, Potassium Salt	LD50 Oral	Rat	>5000 mg/kg	--	--
Oleic Acid, Potassium Salt	LD50 Oral	Rat	>2000 mg/kg	--	--

Irritation/Corrosion

Ingredient name	Result	Species	Score	Exposure	Observation
Oleic Acid, Potassium Salt	Eyes – Moderate irritant Skin – Moderate irritant	Rabbit Rabbit	-- --	-- 4 hours	-- --

Carcinogenicity

Ingredient name	CAS #	IARC	NTP	OSHA
Oleic Acid, Potassium Salt	143-18-0	Not classified	Not classified	Not classified

Specific target organ toxicity (single exposure)

Ingredient name	Category	Route of exposure	Target organs
Oleic Acid, Potassium Salt	Category 3	Not applicable	Respiratory tract irritation

Acute toxicity estimates
Not available

12. ECOLOGICAL INFORMATION

Toxicity

Ingredient name	Test	Result	Species	Exposure
Oleic Acid, Potassium Salt	-- --	Acute EC50 0.57 ppm Fresh water Acute LC50 9.19 ppm Fresh water	Daphnia – Water flea Daphnia magna – Larvae Fish – Rainbow trout, Donaldson trout Oncorhynchus mykiss	48 hrs 96 hrs

Conclusion/Summary: Not available

Persistence and degradability

Ingredient name	Aquatic half-life	Photolysis	Biodegradability
Oleic Acid, Potassium Salt	--	--	Not readily

Conclusion/Summary: Not available

Bioaccumulative potential
Not available.

Mobility in soil
Soil/water partition coefficient (Koc): Not available

Other adverse effects: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Disposal methods: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Waste disposal should be in accordance with existing federal state, provincial and or local environmental controls laws.

RCRA classification: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste (40 CFR 261.20-24).

14. TRANSPORT INFORMATION

DOT Classification: Not regulated
IMDG Class: Not regulated
IATA-DGR Class: Not regulated

15. REGULATORY INFORMATION

Sara 311/312: Not applicable
Sara Title III Section 302 (Extremely Hazardous Substances): None
Sara Title III Section 313 (Toxic Chemicals): None
US EPA CERCLA (Hazardous Substances (40 CFR 302)): None

State regulations

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections on the SDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

Ingredient name	CAS number	State Code	Concentration (%)
Styrene-Butadiene Copolymer	9003-55-8		60 - 66%
Water	7732-18-5		29 - 35%
Oleic Acid, Potassium Salt	143-18-0		3 - 5%

Massachusetts Substances: MA - S
Massachusetts Extraordinary Hazardous Substances: MA - Extra HS New Jersey Hazardous Substances: NJ - HS
Pennsylvania RTK Hazardous Substances: PA - RTK HS
Pennsylvania Special Hazardous Substances: PA - Special HS

California Prop. 65

To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

U.S. Toxic Substances Control Act: Listed on the TSCA Inventory.

16. OTHER INFORMATION

Hazardous Material Information System:
- Health: 1
- Flammability: 0
- Physical hazards: 0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme *=Chronic

National Fire Protection Association:
- Health: 1
- Flammability: 0
- Instability/Reactivity: 0

0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

This information provided on this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designated only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.