

MATERIAL SAFETY DATA SHEET

RIN 60% SILICONE EMULSION



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: Distributed by Tarr Acquisition, LLC
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EMERGENCY PHONE: **CHEMTREC 800-424-9300 (US) Day or night**
International Call Collect CHEMTREC 202-483-7616

PRODUCT NAME: **RIN 60% SILICONE EMULSION**

PRODUCT NUMBER: 2634


UPC NUMBER:

PREPARED BY: Patricia Rodabaugh

DATE PREPARED: 11/9/2004

LAST REVISION: 11/8/2004

SYNONYMS: (A 60% active aqueous emulsion of 350 cst silicone fluid)



Portland, Oregon
Phoenix, Arizona
Auburn, Washington
Vancouver, Washington

Print Date: 11/9/2004

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Weight %	OSHA PEL	ACGIH TLV	NOTE
Rin 60% Silicone Emulsion		100	none	none	Mixture of non-hazardous materials that are not expected to react with one another or produce new compounds. No ingredient known to be hazardous is present at 1% or above. No known carcinogens are present at 0.1% or above.

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION! Product may be slippery. May be harmful or fatal if swallowed. May cause eye and skin irritation or injury.

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Material may cause eye irritation. Direct contact with the liquid or exposure to its vapors or mists may cause stinging, tearing, redness. Temporary irritation reversible with prompt first aid.

INHALATION: Not likely to be hazardous by inhalation.

INGESTION: Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

SKIN CONTACT: This material may be irritating to the skin. Direct contact may cause redness or burning, drying and cracking of the skin.

SIGNS AND SYMPTOMS OF EXPOSURE:

Itching, burning or redness of the skin or eyes.

4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. If symptoms persist, get medical attention.

INHALATION: Not likely to be hazardous by inhalation. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Get medical attention

immediately.

INGESTION: Do not give liquids if victim is unconscious or drowsy. Otherwise, large quantities of water to dilute. Seek medical attention if symptoms persist.

SKIN CONTACT: Immediately remove contaminated clothing and shoes. Under a safety shower, flush skin thoroughly with large amounts of running water for at least 15 minutes. Discard or decontaminate clothing and shoes before reuse.

AGGRAVATED MEDICAL CONDITIONS:

Preexisting skin and eye conditions may be aggravated by repeated exposure to this product.

SUPPLEMENTAL HEALTH INFORMATION:

None identified

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: >200 F

FLASH POINT METHOD USED: Tag Closed Cup

AUTOIGNITION: NDA

LEL:

UEL:

EXTINGUISHING MEDIA:

Use media appropriate to primary source of fire.

SPECIAL FIRE FIGHTING PROCEDURES:

The use of SCBA and protective clothing is recommended for firefighters while fighting fires involving chemicals. This product is considered non flammable - boils with release of water. Cool containers to avoid pressure build-up. Water run off from fire fighting may be slippery.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None identified.

COMBUSTION PRODUCTS:

Hazardous combustion products may form if water boils off and product burns including carbon monoxide, carbon dioxide and oxides of silicon.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:

Wear protective equipment as given in Section 8. Dike around large spills to prevent spreading. Absorb small or large spills with inert material (sand, sawdust or sweeping compound) and dispose of in an approved landfill. Prevent contamination of surface waters. Avoid run-off into storm sewers and ditches which lead to waterways. Certain releases to the environment are prohibited by law and may require reporting to an environmental agency.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep containers closed when not in use. Avoid overheating and freezing. Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

OTHER PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

If exposure may or does exceed occupational exposure limits (Sec. 2) use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use either an atmosphere-suppling respir. or an air-purifying respir. for organic vapors.

VENTILATION:

Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

PROTECTIVE GLOVES:

Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

EYE PROTECTION:

Use chemical safety goggles and/or full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Wear gloves and protective clothing which are impervious to this product for the duration of anticipated exposure, if there is potential for skin contact.

WORK / HYGENIC PRACTICES:

Use good personal hygiene when handling this product. Wash hands after use, before eating, drinking, smoking, or using the toilet.

ENGINEERING CONTROLS:

Facilities storing or utilizing this material should be equipped with and eyewash facility and a safety shower.

EXPOSURE GUIDELINES:

May be harmful or fatal if swallowed. May irritate body tissues. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

SOLUBILITY IN WATER: Dispersible

APPEARANCE AND ODOR: Creamy white liquid, bland odor.

BOILING POINT: 212 F

PERCENT VOLATILE: 34%

VAPOR PRESSURE: N/A

PH:

EVAPORATION RATE:

MOLECULAR WEIGHT:

POUNDS PER GALLON:

VAPOR DENSITY: Lighter Than Air

SPECIFIC GRAVITY: 0.99 @ 25 C

OTHER PROPERTIES:

MELTING POINT: NDA

FREEZING POINT: NDA

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: This product is thought to be stable.

INCOMPATIBILITY:

Product boils with release of water. Incompatible with strong, concentrated oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:

Hazardous combustion products may form if water boils off and product burns including carbon monoxide, carbon dioxide and oxides of silicon.

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: Hazardous polymerization will not occur. As with most organic materials, it is incompatible with strong, concentra

11. TOXICOLOGY INFORMATION

Threshold limit value: None established by OSHA. None established by ACGIH. Eye Contact: Temporary irritation reversible with prompt first aid.

12. ECOLOGICAL INFORMATION

Avoid uncontrolled releases of this material. May be harmful to fish and other water organisms. Keep out of waterways. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

13. DISPOSAL CONSIDERATIONS

This product is found in many household and automotive specialty cleaners and polishes. All disposal must comply with federal, state, and local regulations. The material, if spilled or discarded may be a regulated waste. Refer to state and local regulations. No disposal method should be used which would pose an environmental or human health threat including any which would contaminate ground or surface waters.

14. TRANSPORTATION INFORMATION

DOT Proper Shipping Name:	Not DOT regulated as a hazardous material	PACKING GROUP:	N/A
		GUIDE NUMBER:	N/A
HAZARD CLASS:	N/A	DOT CLASS:	Not DOT regulated as a hazardous material
UN NUMBER:	N/A		

15. REGULATORY INFORMATION

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

16. OTHER INFORMATION

HMS INFORMATION: **HEALTH:** 1 **FLAMMABILITY:** 1 **REACTIVITY:** 0 **PROTECTIVE:** G

SARA Title III Information:

SARA 302: To the best of our knowledge, this product is not listed as an extremely hazardous substance.
SARA 311/312: This product should be reported as an immediate (acute) health hazard and a fire hazard.
SARA 313: To the best of our knowledge, this product is not listed as a toxic chemical.

N/A = Not Applicable

NDA = No Data Available

Disclaimer

This information contained herein is based on the data available to us and is believed to be accurate. However, Tarr Acquisition, LLC (Tarr, LLC) makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Tarr, LLC assumes no responsibility for injuries from the use of the product described herein.