JOHNSON MANUFACTURING COMPANY Safety Data Sheet

To comply with 29CFR 1910.1200 OSHA's Hazard Communication Standard

No-Seep Liquid, 250-00

1. PRODUCT AND COMPANY INFORMATION

Johnson Manufacturing Company 114 Lost Grove Road Princeton IA 52768 Emergency Telephone 1-(563)-289-5123 CHEMTREC AFTER HOURS 1-(800)-424-9300 Revised: 4/1/2023 by JMC Product Safety

2. HAZARD IDENTIFICATION

GHS Classification:

Eye Irrit. 2 skin sens 1 acute tox 5

GHS Label Elements:

GUM ROSIN & GLYCOL ETHER WARNING

H Codes: H319, H317, H303, H333, H320 May be harmful if swallowed May be harmful if inhaled May causes eye irritation May cause an allergic skin reaction Combustible liquid

P Codes:

P264, 280, 501, 261, 272, 302+352, 333+313, 321, 363

Avoid breathing mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Use in a well ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation use respiratory protection. Do not breathe dust/fume/gas/mist/vapor/spray. Do not eat, drink or smoke when using this product. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Immediately call a POISON CENTER/Doctor. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell. IF INHALED: Remove victim to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell. IF INEYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call POISON CENTER/Doctor. Wash thoroughly after use. Wash contaminated clothing before reuse. Store in a closed compatible container in cool dry place. Avoid release to the environment. Dispose of contents/container in accordance with specified local/regional/national/international regulations for disposal. Keep out of the reach of children. Read label and SDS prior to use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	CAS #	OSHA TWA	ACGIH TWA	Other Limits	Percent by Weight
Rosin	8050-09-7	NE	NE	NE	
Sulfur	7704-34-9	10 mg/m3 dust	10 mg/m3 dust	NE	
+ Ethylene Glycol monomethyl ether	34590-94-8	100 ppm	100 ppm	NE	85%

Only those ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. An ingredient marked with an asterisk(*) is also listed in 29CFR 1910.1200(D) #4 as a known or suspected cancer hazard.

+ denotes a chemical regulated as toxic by the Environmental Protection Agency (EPA) as outlined in 40CFR Part 372 (section 313)

4. FIRST AID MEASURES

Signs and symptoms of exposure: Inhalation-Nose & throat irritation, headache, dizziness, difficulty breathing, coughing. Ingestion-nausea, vomiting, cramps. Skin-redness, burning, rash, dryness. Eye-redness, burning, tearing, blurred vision.

Medical conditions aggravated by exposure: Skin, kidney and respiratory conditions. Emergency first aid procedures:



Skin: Flush with water immediately - Seek medical attention if necessary

Eyes: Flush with water for 15 minutes - Seek medical attention

Ingestion: DO NOT induce vomiting, drink large amounts of water - seek medical attention. Never give anything by mouth to an unconscious person Inhalation: Remove to fresh air. Support respiration if required - Seek medical attention

5. FIREFIGHTING MEASURES

Extinguishing media: dry chemical. **Special fire fighting procedures**: use self sustaining respiratory suit. **Unusual Fire and Explosion Hazards**: May release carbon dioxide, carbon monoxide, sulfur. Pyrolysis of Rosin Core Solder yields Formaldehyde, OSHA & ACGIH TWA = 0.1mg/M3

6. ACCIDENTAL RELEASE MEASURES

Methods and materials: Flush into chemical sewer or soak up with a suitable absorbent. Wear adequate protection as described in section 8. **Environmental Precautions:** Avoid release to the environment. Collect spillage.

7. HANDLING & STORAGE

Wash thoroughly after use. Wash contaminated clothing before reuse. Store in a closed corrosive resistant container, with corrosive resistant liner, in cool dry place. Keep out of the reach of children. Read label and SDS prior to use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limit Values: See section 3. Respiratory Protection (type): Organic Vapor mask required for vapor above TWA. Ventilation: Local Exhaust preferred Special: NE Mechanical: OK Other: NE Protective Gloves: plastic or rubber Eye Protection: Goggles or face shield Other Protective Clothing or Equipment: as required to avoid contact. Work/Hygienic Practices: Wash after use. Follow good industrial hygienic practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

 Boiling Point: NE
 Specific Gravity: 0.48

 Vapor Pressure (mm Hg): NE
 Melting Point: NE

 Vapor Density: NE
 Evaporation Rate: <1 (butyl acetate=1)</td>

 Solubility in water: near partial
 pH: NE

 Flash Point: 175 C (TOC)
 Flammable Limits: Iel: NE uel: NE

 Appearance and odor: Grey/brown emulsion, sulfur odor.
 Ne

10. STABILITY AND REACTIVITY

Stability : STABLE Conditions to avoid : none

Incompatibility (materials to avoid): strong bases & acids, oxidizers, sulfides, halogens. Hazardous Decomposition or Byproducts (incomplete combustion): Carbon dioxide, carbon monoxide, sulfur. Pyrolysis of Rosin Core Solder yields Formaldehyde, OSHA & ACGIH TWA = 0.1mg/M3 Hazardous Polymerization: WILL NOT OCCUR Conditions to avoid: none

11. TOXICOLOGICAL INFORMATION

Routes of entry: Inhalation: yes Skin: yes Ingestion: yes

Health Hazards (acute and chronic): Contact with mist and product may cause skin, eye and respiratory tract irritation. Ingestion may cause digestive tract irritation. Toxicity via ingestion is considered low. Chronic or repeated inhalation of mist may cause fibrosis of the lungs. Repeated or extended skin exposure may result in absorption of harmful amounts. Studies show that potential health risks vary by individual. Always minimize exposure as a precaution

Carcinogenicity: not determined NPT? no IARC Monographs? no

12. ECOLOGICAL INFORMATION

Toxicity: NE Bio-accumulative Potential: NE PBT & vPvB Assessment: NE Persistence & Degradability: NE Mobility in Soil: NE Other Adverse Effects: NE

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: dispose of in accordance with all local state and federal regulations

Other Precautions: Avoid skin & eye contact, inhalation & ingestion of fumes and material. Wash contaminated clothing before reuse. Keep away from children.

14. TRANSPORT INFORMATION

DOT Classification: Not regulated as dangerous goods IATA Classification: Not regulated as dangerous goods IMDG Classification: Not regulated as dangerous goods Marine Pollutant: NE

15. REGULATORY INFORMATION

This product contains the following EPCRA section 313 chemicals subject to the reporting requirements of section 313 of the Emergency Response and Community Right-To-Know-Act of 1986 (40 CFR 372):

CAS Number	Chemical Name	Percent by Weight
34590-94-8	Ethylene Glycol monomethyl ether	85%

This information must be included in all SDSs that are copied and distributed for this material.

NFPA Classification (NFPA 325M,8th edition)(Health, Flammability, Reactivity): 1-2-0

16. OTHER INFORMATION

The information and recommendations contained within this publication have been compiled from sources believed to be reliable and to represent the best information available to JOHNSON MANUFACTURING at the time of issue. No warranty, guarantee, or representation is made by JOHNSON MANUFACTURING assume any responsibility in connection there within; nor can it be assumed that all acceptable safety measures or other safety measures may not be required under particular or exceptional conditions or circumstances.

NE = not established NA = not applicable

Form 303.85 Rev. E