JOHNSON MANUFACTURING COMPANY
Safety Data Sheet
To comply with 29CFR 1910.1200
OSHA's Hazard Communication Standard

Fuel Tank Liner, 238-00

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: 4/1/2026 by JMC Product Safety

2. HAZARD IDENTIFICATION

GHS Classification:
Eye Irrit 2
Skin Irr. 2
STOT SE 3
Flam. Liq. 2
Acute Tox. 4
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Aqua Chronic 3
Carcino 2

GHS Label Elements:

METHYL ETHYL KETONE & BUTYLENE OXIDE
DANGER

H Codes: H225, H301, H315, H332, H351, H319, H336, H412
Toxic if swallowed
Harmful if inhaled
Causes skin irritation
Causes serious eye irritation
May cause drowsiness or dizziness
Suspected of causing cancer
Highly flammable liquid & vapor
Harmful to aquatic life with long lasting effects

P Codes: P260, 280, 264, 301+330+331, 303+361+353, 363, 304+340, 310, 321, 305+351+338+310 405, 501, 261, 271, 312, 403+233, 337+313, 301+312, 210, 233, 240, 241, 242, 243, 403 + 235, 311, 302 + 352, 322, 361, 307 + 311
Avoid breathing dust/mist/vapors/fumes/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 eat, drink or smoke when using this product. Keep away from heat, sparks or open flame – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion proof electrical/ventilating/lighting and equipment. Use only non-sparking tools. Take precautionary measures against static discharge. In case of fire use foam or dry chemical for extinction. 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. Wash with soap & water. 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 IN EYES: 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 corrosive resistant container, with corrosive resistant liner, 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
Methyl Ethyl Ketone	78-93-3	200 ppm	200 ppm	NE	
+ 1,2 Butylene Oxide	106-88-7	40 ppm	40 ppm	NE	
Acetone	67-64-1	1000 ppm	500 ppm	NE	

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)(SARA Title III).

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.

Emergency first aid procedures:
Skin: Flush with water immediately - Seek medical attention if required.
Eyes: Flush with water for 15 minutes - Seek medical attention.
Ingestion: Drink large amounts of water, DO NOT induce vomiting-seek medical attention.
Never give anything by mouth to an unconscious person.
Inhalation: Remove to fresh air. Support respiration if required. Seek medical attention if required.

5. FIREFIGHTING MEASURES

Extinguishing media: Alcohol type foam, dry chemical, CO2.
Special fire fighting procedures: use self sustaining respiratory suit.
Unusual Fire and Explosion Hazards: Flammable liquid, water may spread flames. Excessive heat may cause sealed container to explode. May release carbon dioxide, carbon monoxide fumes various organic fumes. Fumes may be heavier than air and may flashback.

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 fumes 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: 175 F Specific Gravity: 0.900
Vapor Pressure (mm Hg): 96 Melting Point: NE
Vapor Density: NE Evaporation Rate: 5.7 (butyl acetate=1)
Solubility in water: Nil pH: NE
Flash Point: 23 F (TCC) Flammable Limits: lel: 1.74 uel: 11.4 Auto Ignition Temperature: 885 F
Appearance and odor: Bluish liquid, ketone odor.

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):Various organic fumes, carbon dioxide, carbon monoxide, nitrogen oxides.
Hazardous Polymerization: WILL NOT OCCUR Conditions to avoid: none

11. TOXICOLOGICAL INFORMATION

Routes of entry: Inhalation? yes Skin? No Ingestion? yes

Health Hazards (acute and chronic): Contact with fumes and material may cause skin, eye and respiratory tract irritation and burns. Ingestion may result in digestive tract irritation or burns. Moderately toxic via ingestion. Material is flammable and will burn with a nearly invisible flame. Chronic exposures can result in permanent kidney and nervous system depression. Effects are cumulative over many consecutive exposures via inhalation, ingestion and skin absorption. Studies show that potential health risks vary by individual. Always minimize exposure as a precaution.

Carcinogenicity: suspected, NTP? 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. Keep away from spark or flame.

14. TRANSPORT INFORMATION

DOT Classification: UN 1263, Paint, 3, PG II
IATA Classification: UN 1263, Paint related material, 3, PG II
IMDG Classification: UN1263, Paint, 3, PG II
Marine Pollutant: NE

15. REGULATORY INFORMATION

NFPA Classification (NFPA 325M,8th edition)(Health, Flammability, Reactivity): 2-3-0

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 nor does 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.