

It Can Be Done
With



JOHNSON MANUFACTURING COMPANY

114 Lost Grove Road / PO Box 96 / Princeton, Iowa 52768-0096

Phone (563) 289-5123 / Fax (563) 289-3825

email johnsonmfg@aol.com / www.johnsonmfg.com

Dear Sir/Madam,

Please find enclosed the **Safety Data Sheets (SDS)** concerning Johnson Manufacturing Company products. Johnson Manufacturing Company has always strived to comply with OSHA's Hazard Communication Standard 29CFR 1910.1200, as well as, the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and these SDS are being provided as outlined in paragraph (g) of the OSHA standard. More importantly, Johnson Manufacturing wishes to provide safety information to our customers and other concerned parties in order to allow them to use our products, and conduct their business, in as safe a manner as possible.

Please review these SDS and forward/circulate them to those responsible for facility safety and/or those using the products. Retain the SDS on site for your own Hazard Communication Standard compliance and for reference.

If you resell or distribute Johnson Manufacturing Company products, please forward a copy of the SDS to the buyer and/or end user. Not only will it provide the safety information they need, it is required by paragraph (g)(7) of the standard.

Please feel free to contact us if any questions arise or if additional information or assistance is required.

Sincerely,

JOHNSON MANUFACTURING COMPANY

A handwritten signature in black ink, appearing to read "David M. Brown", written over a horizontal line.

David M. Brown
Chemical Engineer

enc.

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

Tin/Copper/Antimony Alloys

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 1/1/2018 by JMC Product Safety

2. HAZARD IDENTIFICATION

GHS Classification:

Acute Aqua tox 1
Chronic tox 1

GHS Label Elements:

TIN & COPPER
WARNING

H Codes: H303, H313, H320, H333, H410
May be harmful if swallowed
May be harmful if inhaled
May cause eye irritation
May be harmful in contact with the skin
Very toxic to aquatic life with long lasting effects



P Codes: P273, 301+310, 303+361+353, 304+340, 305+351+338+310, 501
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 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 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	AC/CH TWA	Other limits	%
Tin	7440-31-5	2mg/M3	2mg/M3	NE	% as specified
+ Copper	7440-50-8	0.1mg/M3	0.2mg/M3	NE	% as specified
+ Antimony	7440-36-0	0.5mg/M3	0.5mg/M3	NE	% as specified

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: High concentrations of dust may be explosive above 1100 F. May release metal and metal oxide fumes.

6. ACCIDENTAL RELEASE MEASURES

Methods and materials: Flush into chemical sewer or sweep 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.