


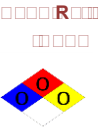




Safety Data Sheet

According to 1907-2006/19C, Article 31

1. IDENTIFICATION

Product Name: **Electronic Solder R-M**
Product Code: Soldering flux for copper, brass, galvanized iron, lead, zinc, tin, nickel, silver, mild steel,terne plate and malleable iron.
Manufacturer: Canfield Technologies/BOV Electronic Solders
Address: 1 Crossman Road, Saratoga, NY 12872
Phone: 732-316-2100
24 Hour Emergency Telephone Number: 1-800-535-5053
Revision: 6-Jan-15
Date: 1/6/201

2. HAZARD IDENTIFICATION

				
Corrosive	Health Hazard	None	None	None
		Not classified as dangerous		Not Regulated

Prevention: Exposure to hazardous substance is not expected when handling this product for its intended use.
Clearance, Color and Odor: Tan taste, faint odor
OSHA: This material is not considered hazardous under the OSHA hazard Communication Standard (29 CFR 1910.1200).
Canada: This is not a controlled under HMIS.
Euro-Union (EU): This product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Response: Inhalation effects are not expected with normal use. Over exposure to high vapor concentrations may cause nasal and respiratory irritation, sore throat coughing and difficult breathing. High concentrations may also cause dizziness, headache, nausea, vomiting or in extreme cases, unconsciousness or asphyxiation.

First Aid: Not an expected route of occupational exposure. Low oral toxicity. Swallowing large quantities may cause abdominal and chest pain, nausea, vomiting diarrhea or dizziness. Aspiration into the lungs may occur during swallowing or vomit, resulting in lung injury. This product has been tested and found to be non-irritating to skin. This product has been tested and found to be non-irritating to eyes. Solids may cause temporary irritation as a contact in the eye.

Stability and Reactivity: Chronic effects are not expected with normal use. Prolonged or repeated over exposure to high vapor concentrations may cause damage to the respiratory tract or lungs.

Disposal: Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

Not available.

Not available.

3. M M M M M R

rd

12125-02-9	5-25	235-186-4	in, ci	R22, R36
7646-85-7	5-25	231-592-0	in, ci	R22, R36
800-03-8	30-70	232-373-2	None	None

See Section 16 for the full text of the R-phrases above.

4. R D M R

D

Move victim to fresh air and get medical attention.

Wash with warm water and soap and rinse thoroughly. Irritation develops, see medical attention.

Rinse opened eye for several minutes under running water. See medical attention.

Call a physician or Poison Control Center at once.

Induce vomiting, if person is conscious. See medical help. Only induce vomiting at the instruction of a physician.

Most important symptoms and effects, both acute and delayed.

Indication of an immediate medical attention and special treatment needed.

R R M R

product will burn if collected in a fire but does not ignite readily.

M CO₂, extinguishing powder or water spray fight larger fires with water spray or alcohol resistant foam.

D No sensitivity to mechanical impact or static discharge.

M Not available.

In case of fire, the following can be released: Carbon dioxide, Carbon monoxide, ammonia hydrogen chloride. Smoke and Irritating toxic fumes may be formed.

ear self-contained respirator and protective clothing should be worn. Remove unprotected personnel.

D R M R

Ensure adequate ventilation.

Do not allow to enter sewers/ surface or ground water.

Stop the spill if it is safe to do so. Contain spilled liquid with sand or absorbent material which does not react with spilled material.

Scrape or scoop up the spilled product and collect for proper disposal as described in Section 13 of this SDS.

R

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See section 13 for disposal information.

D D R

avoid contact with eyes and skin, do not breathe fumes. Do not ingest.

See container closed when not in use.

Wash thoroughly with detergent and water after handling, before eating, drinking, smoking or using the toilet.

No special measures required.

Store in a cool location. Information about storage in one common storage facility Not required.

See receptacle tightly sealed. Store in dry conditions.

No further relevant information available.

Additional information: No further data see item 7.

Preparation:

Preparation instructions:

Preparation:

	Health Hazard	Physical Hazard	Environmental Hazard	Other
10mg/m ³ (M)	10mg/m ³ (M)	10mg/m ³	10mg/m ³ (M)	
20mg/m ³ (STL)	20mg/m ³ (STL)	20mg/m ³ (STL)	20mg/m ³ (STL)	
1mg/m ³ (M)	1mg/m ³ (M)	1mg/m ³ (M)	1mg/m ³ (M)	
2mg/m ³ (STL)	2mg/m ³ (STL)	2mg/m ³ (STL)	2mg/m ³ (STL)	

Short term exposure value.
Short Term Exposure Limit.

Preparation:

Preparation instructions: orders must comply with requirements of the workplace in which this product is handled.

Immediate removal: all soiled and contaminated clothing. Wash hands before meals and at the end of work.

Preparation:

Preparation instructions: use appropriate engineering control such as process enclosures, local exhaust ventilation to control airborne levels below recommended exposure limits.

When ventilation is not sufficient to remove airborne levels from the breathing zone, a NIOSH safety approved respirator or self-contained breathing apparatus should be worn. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

Preparation:



Preparation:

Material:

Nitrile rubber, NR

Natural rubber, NR

Preparation:



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aste

Tan

Not measurable

1.1

Not applicable

Not applicable

Not applicable

Not applicable

204°C (400°F) TOC

Not determined.

0.01 or 68°F (20°C)

Not applicable

0 or (0 g/L)

Insoluble

Low odor

Not applicable

Not applicable

Not applicable

Not established

1. **D** **R**

R

Stable at normal room temperature.
No dangerous reactions
None
None
Toxic fumes of zinc, chloride and HCL may evolve during soldering.
Hazardous polymerization will not occur.

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11. **R** **M**

Oral- Rat LD 50: 350 mg/kg (rat)
Inhalation Rat LCL0 Oral: 1960mg/m³/ 10M
Oral- Rat LD 50: 1650 mg/kg (rat)
Inhalation Rat LC50 Oral: N/D
Oral-Rat LD50 N/D
Inhalation Rat LC50 Oral: N/D
Normal use of this product will not result in exposure to an component that is considered a human carcinogen by IARC (International Agency for Research on Cancer), ACGIH (American Conference of Governmental Industrial Hygienists, OSHA or NTP (National Toxicology Program).

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12. **R** **M**

Zinc Chloride- 7.32 mgm/96hr/medium weight/TLM
Ammonium Chloride- 6 mgm/96hr/sunfish/TLM
None
Product is not readily biodegradable.
Not applicable.

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Ammonium Chloride- 6 mgm/96hr/sunfish/TLM
None
Product is not readily biodegradable.
Not applicable.

13. **D** **R**

Disposal must be disposed in accordance to official regulations.

Disposal must be disposed together with household garbage. Do not allow product to reach sewage system.
Disposal must be disposed in accordance to official regulations.

14. **R** **R** **M**

Not regulated
Not regulated
Not regulated
Not regulated
Not applicable.
Not regulated

1. **R** **R** **M**

All ingredients in the product are listed on the TSCA inventory.
None
Not applicable.
Not applicable.
Not applicable.
This product is not known to contain chemicals known to the State of California to cause cancer or reproductive harm.

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