

Section V – Reactivity Data

| | | | |
|-----------|----------|---|--|
| Stability | Unstable | | Conditions to Avoid Strong oxidizing agent; excessive heating |
| | Stable | X | |

Incompatibility (Materials to Avoid)

Strong oxidizing, alkalis and acids, phenols, urea, oxides, isocyanates, caustics, anhydrides

Hazardous Decomposition or Byproducts

Formaldehyde gas, carbon monoxide and carbon dioxide

| | | | |
|--------------------------|----------------|---|---|
| Hazardous Polymerization | May Occur | | Conditions to Avoid Non-hazardous polymerization may occur at low temperatures causing the formation of paraformaldehyde, a white solid. |
| | Will Not Occur | X | |

Section VI – Health Hazard Data

| | | | |
|--------------------|--------------------|--------------|-------------------|
| Route(s) of Entry: | Inhalation? Yes | Skin? Yes | Ingestion? Yes |
|--------------------|--------------------|--------------|-------------------|

Health Hazards (Acute and Chronic)

May cause respiratory irritation. Skin & Eye: Liquid and vapor may cause irritation. Ingestion: Toxic

Carcinogenicity:

Formaldehyde is probably carcinogenic to humans on the basis of animal evidence. Listed by ACGIH as an A2 industrial substance suspect of carcinogenic potential for man. OSHA lists formaldehyde as a potential carcinogen.

| | | |
|------|------------------|-----------------------|
| NTP? | IARC Monographs? | OSHA Regulated? No |
|------|------------------|-----------------------|

Signs and Symptoms of Exposure

Irritation of respiratory tract, eyes and skin.

Medical Conditions Generally Aggravated by Exposure

Repeated skin exposure may cause dermatitis or other allergic reactions.

Emergency and First Aid Procedures

SKIN: Wash with soap and water for 15 minutes. **EYES:** Wash with water for 15 minutes. **INHALATION:** Remove to fresh air. **INGESTION:** Seek medical attention. Seek medical attention if any of the above symptoms persist.

Section VII – Precautions for Safe Handling and Use**Steps to Be Taken in Case Material is Released or Spilled**

Ventilate area of spill. Eliminate all sources of ignition. Remove non-essential personnel. Wear proper protective equipment and clothing. Absorb material with suitable absorbent and place in appropriate container for disposal. Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste.

Waste Disposal Method

Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

Precautions to Be Taken in Handling and Storage

Store at room temperature in a dry, well-ventilated place. Keep specimen container tightly closed when not in use. Wash thoroughly after handling.

Other Precautions

Do not get in eyes, on skin, or on clothing. Do not ingest. Even those containers that have been emptied will retain product residue and vapors. Obey hazard warnings and handle empty containers as if full. Do not cut, grind, weld or drill on or near this container.

Section VIII – Control Measures**Respiratory Protection (Specify Type)**

Normal classroom use with adequate ventilation does not require the use of special respiratory protection. If use conditions generate formaldehyde fumes above the OSHA regulations, use of a respirator is required.

| | | |
|-------------|--|---------|
| Ventilation | Local Exhaust | Special |
| | Mechanical Mechanical room ventilation. | Other |

| | | | |
|-------------------|-------------------------|----------------|--|
| Protective Gloves | Gloves are recommended. | Eye Protection | Chemical goggles unless a full-face piece respirator is also worn. It is generally recognized that contact lenses may contribute to the severity of an eye injury. |
|-------------------|-------------------------|----------------|--|

Other Protective Clothing or Equipment

Long sleeved shirt, trousers, and safety shoes.

Work/Hygienic Practices

Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.

FOR ADDITIONAL INFORMATION

Contact Ranaco's Safety Manager during business hours at (520) 790-7737

NOTICE: RANACO expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein. All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, RANACO makes no representations as to its accuracy or sufficiency. Conditions of use are beyond RANACO's control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.