

# Safety Data Sheet

Product Name: **AI 1084-93-7 Air force Type II**

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Manufactured by:  
Randall Industries, LLC  
4565 Hemlock Road  
Cherry Tree, PA 15724

## Section I

Emergency Phone Number: 1-800-535-5053  
Phone Number for Information: 1-814-743-6630  
MSDS Revision: Mar 01, 2015

## Section II - Hazardous Ingredients

Ingredient(s):	CAS No:	OSHA PEL	ACGIH TLV
Sodium Metasilicate	6834-92-0	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Dipropylene Glycol Monomethyl Ether	34590-94-8	100 ppm	100 ppm

Meets MIL-C-87936A Type II

HMIS: 101      NFPA: 100      N/A=Not Applicable    N/D=Not Determined

## Section III - Physical / Chemical Data

Appearance:	Red	Solubility in Water:	100% Complete
Odor:	None	Specific Gravity:	1.0      Water = 1
pH:	11 - 12.5	Vapor Pressure:	N/D      mm Hg
Boiling Point:	N/D	Vapor Density:	N/D      Air = 1
Melting Point:	N/D	Evaporation Rate:	N/D      Butyl Acetate = 1

## Section IV - Fire And Explosion Hazards

Flash Point: None to IBP      °F (°C) (CC)      Flammable Limits:      LEL: N/A      UEL: N/A

Extinguishing Media: Use water fog, foam, dry chemical or Carbon Dioxide.

Special Fire Fighting Procedures: Wear an approved self-contained breathing apparatus and protective clothing with full face piece operated in the positive pressure demand mode and full body protection.

Fire / Explosive Hazards: None known.

## Section V - Reactivity Data

Stability:  Stable     Unstable      Hazardous Polymerization:     May occur     Will not occur

Incompatibility: Acidic materials.

Hazardous Decomposition Products: None known.

Conditions to Avoid:      None known.

## Section VI - Health Hazard Data

Primary Routes of Entry:  Inhalation     Skin Contact     Ingestion

Health Hazards: Eyes & Skin: may cause irreversible damage.  
Inhalation: may cause damage to nasal & respiratory passages.  
Ingestion: may cause damage to mucous membranes and deep tissues.

Carcinogenicity:  NTP     IARC Monographs     OSHA Regulated     Not a carcinogen

Signs and Symptoms of Exposure: Irritating to eyes & skin. Burning/redness/irritation.  
Ingestion: May cause vomiting, headache and other medical problems.  
Inhalation: May cause coughing, sneezing, and upper respiratory irritation.

Conditions Generally Aggravated by Exposure: None known.

Emergency and First Aid Procedures: Eyes & Skin: Flush with water for 15 minutes, if irritation persists get medical attention.  
Ingestion: Do not induce vomiting. Drink water, milk of magnesia. Get medical attention.  
Inhalation: Move to fresh air.

## Section VII - Precautions for Safe Handling and Use

If Material is Released or Spilled: Contain liquid to prevent discharge to streams. Spills or releases should be reported to appropriate local, state and federal regulatory agencies.

Wastes Disposal Method: Dispose of in accordance with federal, state, and local regulations.

Precautions for Handling and Storing: Store between 40 and 120 degrees F. Store away from acids.

Other Precautions: Keep Out Of Reach Of Children.

## Section VIII - Control Measures

Respiratory Protection: Chemical cartridge respirator.      Ventilation: Local Exhaust

Protective Gloves: Rubber Gloves

Eye Protection: Chemical goggles

Other Protective Equipment: Eye wash and safety shower should be nearby.

Work/Hygenic Practices: Wash hands before eating. Launder contaminated clothing before reuse.

