

Material Safety Data Sheet (MSDS)

Section I

Trade Name: **Armourtech 101**
Chemical Name: Highly Modified Catalyzed Potassium Hybrid

Section II – Hazardous Ingredients

Product Consists of:	%	TVL	PEL	Units
Proprietary Catalyzed potassium / resin				

Section III – Physical Data

Boiling Point(O of F):	About 212F (same as water)	Specific Gravity (H @ O – 1):	1.1 To 1.3 @ 20C
Vapor Pressure:	/20 C / 68 F Water	Percent Volatile by Volume:	0
Vapor Density:	N/A	PH:	11.5
Solubility in Water:	Excellent	Evaporation Rate:	Same as water
Appearance and Odor:	Clear/ Slightly Amine		

Section IV – Fire and Explosion Hazard Data

Flash point: Not Applicable Flammable Limits: Not Applicable

Section V – Health Hazard Information

Eyes: Slight irritation
Skin: Slight irritation
Inhalation of Vapor: Can cause headache

First Aid

Eyes:
Skin:
Inhalation:

Section VI – Reactivity Data

Stability: Indefinite at room temperature
Incompatible Materials: Acid
Hazardous Decomposition Products: Under fire conditions, alkaline fumes and silica are emitted

Section VII – Spill or Leak Procedures

Procedure: Ventilate area. Neutralize with acid; absorb onto inert absorbent material and scoop into appropriate container. rinse area with large volumes of water.
Waste Disposal Method: Dispose of in accordance with local, state and federal regulations

Section VIII – Special Protection Information

Respiratory: Indoor, proper ventilation and goggles
Eye Wear: Chemical worker goggles
Clothes and Gloves: Wear rubber gloves
Ventilation: Provide adequate ventilation

Section IX – Regulatory Information

Work place Classifications:	This product is considered non-hazardous under the OSHA Hazard communication Standard (29CFR 1910.1200)
Transportation Classifications:	US DOT Hazard class; non-regulated; Emergency planning & community right to know (SARA Title 3) Class 55
Section 311/312 Categorizations (40CFR 370):	This product is not a hazardous chemical 29CFR 1910.1200 and therefore is not covered by Title III of SARA
Section 313 Information (40CFR 372):	This product does not contain a chemical, which is listed in Section 313 above, do minimum concentrations
CERCLA Information (40CFR 302.4):	Releases of this material to air, land or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) or to state and local emergency planning committees under Superfund Amendments and Reauthorization Act (SARA) Title III Section 304
RCRA Information:	When this product becomes a waste, it is classified as a non-hazardous waste under criteria of the Resource Conservation and Recovery Act (40CFR 261)
Chemical Control Law Status:	All components of this product are listed or are excluded from listing on the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory.
State right to Know Laws:	All material listed as "Not Hazardous" in the CAS REG NO column of Component information Section of the MSDS is trade secret under the provisions of the Florida Worker and Community Right to Know Act
Storage and Handling Information:	Keep from freezing. The minimum recommended storage temperature for this material is 1C/34F. The maximum recommended storage temperature for this material is 40C/120F.

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ABBREVIATIONS:

ACGIH: American Conference of Governmental Industrial Hygienists	PEL: Permissible Exposure Limit
OSHA: Occupational Safety and Health Administration	TWA: Time Weighted Average
TLV: Threshold Limit Value	STEL: Short Term Exposure Limit
	BAC: Butyl Acetate