


SAFETY DATA SHEET

1. Identification of the Substance or Mixture and of the Supplier

Product Identifier:	DAI-EL G-EXP-090
Product Use:	Rubber Products
Manufacturer:	Cri-Tech, Incorporated 85 Winter Street Hanover, MA 02339
Emergency Contact	800-826-5600 Monday thru Friday, 0800 to 1700 EST

2. Hazards Identification

Hazard Classification:	Skin: GHS Category 3 Eye: GHS Category 5 Inhalation: GHS Category 5 Ingestion: GHS Category 5
Signal Word:	Warning
Pictograms:	
Hazard Statements:	Skin: May cause skin irritation. Eye: Exposure to decomposition products from overheating may cause serious eye damage. Inhalation: Inhalation of decomposition products from overheating may cause respiratory irritation. Ingestion: N/A
Precautionary Statements:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves and eye / face protection Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
Hazards Not Otherwise Classified:	May cause thermal burns at elevated temperature.

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3. Composition / Information on Ingredients Substance / Mixture

	<p>Proprietary Formulation – Any hazardous ingredients are in an encapsulated form and should not pose the hazards that are present in their original state.</p> <p>This product contains no known toxic chemicals subject to the reporting requirements of section SARA 313 of the Emergency Planning and Community Right to Know Act of 1986 and of CFR 372.</p> <p>All components are included in the TSCA inventory.</p>	
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4. First Aid Measures

Description of First Aid Measures:

Inhalation:	Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. Consult a physician.
Skin Contact:	Immediately flush skin with cold water after contact with hot polymer. Do not peel polymer from the skin. Consult a physician.
Eye Contact:	Immediately flush eyes with large amounts of water for at least 15 minutes. Consult a physician.
If Swallowed:	Consult a physician.

5. Firefighting Measures

Suitable Extinguishing Media:	In case of fire use a fire fighting agent suitable for ordinary combustible materials such as water or foam to extinguish.
Special Hazards Arising from the Substance or Mixture:	Exposure to extreme heat can give rise to thermal decomposition.
Special Protective Actions for Fire Fighters:	When firefighting conditions are severe and total thermal decomposition of the product is possible, wear full protective clothing and self-contained, positive pressure or pressure demand breathing apparatus.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:	Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation and personal protective equipment.
Environmental Precautions:	Avoid release to the environment.

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Methods and Material for Containment and Cleaning Up:	Collect material and place in a closed container approved for transportation by the appropriate authorities.
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7. Handling and Storage

Precautions for Safe Handling:	Wear appropriate personal protective equipment.
Conditions for Safe Storage, Including any Incompatibilities:	No special storage requirements.

8. Exposure Controls / Personal Protection

Exposure Controls:

Provide appropriate local exhaust when product is heated.

Personal Protective Equipment:

Eye / Face Protection:	Safety glasses with eye shields or goggles.
Skin / Hand Protection:	Select and use gloves / appropriate clothing approved to relevant local standards to prevent skin contact. Selection should be based on use factors such as: Exposure Levels, Concentrations, Frequency and Duration of use, Physical Challenges such as temperature extremes and other use conditions.
Respiratory Protection:	Where there is potential for airborne exposure in excess of 230° C, use NIOSH approved respiratory protection.
Thermal Hazards:	Wear heat insulating gloves when handling hot material to prevent thermal burns.

9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties:

Appearance:	Solid
Form:	Slab or Strip
Color:	White to cream
Odor:	N/A
Melting Point:	N/A
Boiling Point:	N/A
Flash Point:	No flash point.
Flammability (Solid, Gaseous):	Not flammable.

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Decomposition Temperature:	>230°C
Danger of Explosion:	N/A
Density:	1.85
Solubility / Miscibility with Water:	Insoluble
Partition Coefficient: N-Octanol / Water	N/A
Auto Ignition Temperature:	N/A
Solvent Content:	
VOC (EC)	Approximately 3%
Solid Content:	N/A

10. Stability and Reactivity

Chemical Stability:	Stable
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
Conditions to Avoid:	Avoid thermal decomposition. Do not exceed process conditions > 230°C. Fluoropolymer fumes will be generated under normal hot processing conditions.
Incompatible Materials:	Powdered metals
Hazardous Decomposition Products:	Carbon Monoxide Carbon Dioxide Hydrogen Fluoride Toxic vapor, gas and particulate

11. Toxicological

Signs and Symptoms of Exposure:

The following applies under normal handling conditions

Inhalation:	N/A
Skin Contact:	No irritant effect known
Eye Contact:	No irritant effect known
Ingestion:	N/A
Target Organ Effects:	Undetermined
Prolonged or Repeated Exposure:	Undetermined
Reproduction / Developmental Toxicity:	Undetermined
Carcinogenicity:	Undetermined

12. Ecological Information

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Toxicity:	There are no known environmental impacts. No ecological consideration when used according to directions.
Aquatic Toxicity:	No further relevant information available
Persistence and Degradability:	The product is thought to be non-biodegradable.

13. Disposal Considerations

Dispose of contents / container in accordance with the local / regional / national / international regulations.

14. Transport Information

Not classified as dangerous in the meaning of transport regulations.

15. Regulatory Information

This product contains no known toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of CFR 372.

All components are included in the TSCA inventory.

16. Other Information

Creation Date:	3/6/2020
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