

NE Ultimate EMI Armour Sheet

Item #: 905138

Product:	Nanotech Ultra Elite EMI Armour Sheet
Distributor/ supplier/ manufacturer:	Nanotech Energy, Inc. 12100 Wilshire BLVD suite 800 Los Angeles, CA 90025
Phone number:	1 (800) 995-5491
Relevant identified uses of the substance or mixture	Laboratory chemicals, industrial manufacturing of substances

Hazards Identification

Hazard Identification:	-Not a hazardous substance or mixture
Hazard Statement(s)- GHS Label elements, including precautionary statements	-Not a hazardous substance or mixture.
Hazards not otherwise Classified (HNOC) or not covered by GHS	-None.

Composition / Information on Ingredients

Mixtures:	- Nanotech Ultra Elite EMI Armour Sheet
Synonyms	
Substance Name/ Synonyms	- Graphene - Reduced Graphene Oxide
Substance Name/ CAS Number"	- Silver Coated Copper Powder - 7440-50-8
Substance Name/	- Cast Polyester Resin

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First Aid Measures

First Aid:	<p>In case of eye contact If dust from grinding or scratching causes irritation, flush with plenty of water for 15 minutes as a precaution</p> <p>In case of skin contact If irritation develops, wash thoroughly with soap and plenty water.</p> <p>If inhaled If processing vapor occurs and irritation develops, remove person to fresh air. If breathing is difficult, admin oxygen. If not breathing, give artificial respiration. Consult a physician.</p> <p>If swallowed Not a route of exposure</p> <p>Most important symptoms and effects, both acute and delayed Acute: None Delayed: Sensitizing effects possible from dusts/ fumes</p>
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Firefighting Measures

Extinguishing Media	<p>Means of extinction Use water spray, carbon dioxide, or dry chemical foam.</p> <p>Special hazards arising from the substance or mixture Toxic and/or irritating fumes can be produced during burning of this material. Decomposition products may be hazardous.</p> <p>Advice for firefighters Fire fighters should wear self-contained breathing apparatus and full protective clothing. Downwind personnel should be evacuated. Do not reseal contaminated containers as pressure buildup may rapture them.</p>
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Accidental Release Measure

1	<p>Personal precautions, protective equipment, and emergency procedures Not required</p>
2	<p>Environmental precautions None</p>
3	<p>Methods and materials for containment and cleaning up Pick up and handle as any other solid material.</p>

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Handling and Storage

1	<p>Precautions for safe handling None in normal use.</p>
2	<p>Information about protection against explosions and fires: None</p>
3	<p>Conditions for safe storage, including any incompatibilities Store material at ambient temperature and pressure. Keep away from sources of flame, sparks or other ignition sources. Material is stable under normal conditions.</p>
4	<p>Advice on general hygiene practices: Do not eat, drink, and/or smoke in work areas. For industrial or professional use only.</p>

Exposure Controls/ Personal Protection

Control parameters	Components with workplace control parameters
	<p>There are no applicable exposure limits for cured polyester materials.</p>
Exposure Control	<p>Appropriate engineering controls General industrial hygiene practice The general precautionary measures for handling any chemicals should be followed. Keep away from all food and drinks Remove all soiled and contaminated clothing immediately. Wash hands before breaks and at the end of work. Avoid contact with the eye and skin. Store protective clothing separately</p>
Personal Protective equipment	<p>Eye/face protection None required under normal use</p> <p>Skin/ hand protection None required under normal use.</p> <p>Body Protection None required under normal use.</p> <p>Respiratory protection None required under normal use.</p> <p>Ventilation system Local exhaust recommended for thermal processing operations, as required to reduce dust, gas, and vapor fume exposure below OSHA levels.</p>

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Physical and Chemical Properties

Appearance	Form: film/sheet
Color	Copper red
Odor	None
Odor Threshold	Not determined
pH	Not determined
Melting point/ freezing point	>200 °C (392 °F)
Initial boiling point and boiling range	Not determined
Flash Point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	Not determined
Percent Weight (w/w)	Not determined
Vapor pressure @ 20 °C	Not determined
Vapor density	Not determined
Specific density	1.4 g/cm ³
Water solubility	Not soluble in water
Partition Coefficient	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	>200 °C (392 °F)
Viscosity	Not determined
Electrical Conductivity	2000-2600 S/cm
Explosive properties	Not determined
Oxidizing properties	Not determined

Stability and Reactivity

Chemical stability	Stable under recommended storage conditions
Possibility of hazardous reactions	No dangerous reaction known.
Conditions to avoid	Exposure to extreme temperatures and contact unwanted contact with incompatible material should be avoided.
Incompatible material	Strong organic solvents
Hazardous decomposition products	Decomposition through burning produces fumes consisting of organic particulate gaseous hydrocarbons, carbon dioxide, carbon monoxide and may contain traces of toluene diisocyanate (TDI) or diphenylmethane diisocyanate (MDI), other isocyanates, MBOCA, hydrogen cyanide, acrolein, and oxides of nitrogen.

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Toxicological information

Information on toxicological effects:	<p>Acute toxicity Non-toxic</p> <p>Skin corrosion/ irritation Not an irritant</p> <p>Serious eye damage/ eye irritation Not an irritant</p> <p>Inhalation No data available</p> <p>Ingestion Non-toxic</p> <p>Additional toxicological information None</p> <p>Carcinogenic categories Not listed as a carcinogen</p>
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Ecological Information

General notes	No known significant effects.
Aquatic Toxicity	Not determined
Persistence and degradability	Not determined
Bio accumulative potential	Not determined
Mobility in soil	Not determined
Ecotoxicological effects	Not determined
Results of PBT and vPvB assessment	Not applicable
Other adverse effect	Not determined

Disposal Considerations

Waste from residues/unused products:	Not considered a hazardous material. Dispose of material according to any local, state, and federal regulations
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Transport Information

DOT (US)	Not regulated
IMDG	Not regulated
IATA	Not regulated
Transport hazard class(es)	Not regulated
Packing group DOT, ADR, IMDG, IATA	Not regulated
Environmental hazards: Marine Pollutant	Not regulated
Special precautions for user Danger code (kemler)	Not regulated
Transport Additional information	Not Applicable

Regulatory Information

SARA 302 Components	None
SARA 313 Components	None
SARA 355 Components	None
SARA 311/312 Hazards	No SARA Hazards
TSCA (Toxic Substances Control Act)	None of the ingredients is listed
California Prop. 65 Components	This product does not contain any chemicals known to state of California to Cause cancer, birth defects, or any other reproductive harm.
Carcinogenic categories	None

Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship

Revision Date: 11.25.2020

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