

**MATERIAL SAFETY DATA SHEET**  
**Finished Product**



**Date-Issued: August, 2006**  
**MSDS Ref. No: 35-91201**  
**Date-Revised:**  
**Revision No: New MSDS**

**35-91201**  
**Solar Guard™ Sunscreen Towel**

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**I. PRODUCT AND SUPPLIER INFORMATION**

**PRODUCT NAME: 35-91201**

Product Synonyms: Solar Guard™ Sunscreen Towel  
Chemical Family or Formula: B912  
Marketer: NTE Electronics, Inc.  
44 Farrand Street  
Bloomfield, NJ 07003

Product Information: 973-748-5089  
Transportation Emergency: 973-748-5089

MSDS number: 35-91201  
Publication Date:  
Replaces: New

Phone: 973-748-5089  
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Note: The purpose of this MSDS is to provide safe handling, shipping and disposal information for users of the product. It is not intended to, nor does it, provide complete or extensive toxicological data on the product or its components. Users who require this information are referred to primary suppliers of the ingredients of interest.

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**II. INGREDIENTS/IDENTITY INFORMATION**

Components (Chemical Identity,				Other limits	
<u>Common Name (s)</u>	<u>CAS No.</u>	<u>OSHA PEL</u>	<u>ACGIH-TLV</u>	<u>Recommended</u>	<u>% (Opt.)</u>
Ethanol	64-17-5	1000 ppm	1000 ppm		60 – 100%
Octinoxate	5466-77-3	None	None		5 – 10%
Oxybenzone	131-57-7	None	None		3 – 7%
Octyl Salicylate	6969-49-9	None	None		3 – 7%
Homosalate	118-56-9	None	None		1 – 5%

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

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**III. HAZARDS IDENTIFICATION**

<b>Route(s) of Entry</b>	<b>Eyes?</b>	<b>Inhalation?</b>	<b>Skin?</b>	<b>Ingestion?</b>
	Yes	No	No	No

### III. HAZARDS IDENTIFICATION (Cont'd)

**Acute Health Hazards** – Warning. Flammable. For external use only. Keep away from heat, sparks, and flame when applying this product. Use with adequate ventilation. Avoid contact with eyes. Do not taste or swallow.

**Chronic Health Hazards** – None Known

**Carcinogenicity:**

<b>Chemical:</b>	<b>OSHA</b>	<b>NTP:</b>	<b>IARC Monographs:</b>
None	No	No	No

**Signs and Symptoms of Exposure** – Redness, tearing, or burning in eyes. Redness, drying or irritation of skin.

**Medical Conditions Generally Aggravated by Exposure** – Pre-existing skin conditions such as dermatitis may be adversely affected by this product.

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### IV. EMERGENCY AND FIRST AID PROCEDURES:

**Eyes** – Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. See a physician immediately.

**Indigestion** – Not a likely exposure route. If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center immediately.

**Inhalation** – Unlikely route as liquid is impregnate on a towel, minimizing exposure via this route. If overexposed move into fresh air. If symptoms develop seek medical attention.

**Skin** – None usually required. Material is designed for application on skin. If symptoms develop seek medical attention.

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### V. FIRE FIGHTING MEASURES

<b>Flash Point, Concentrate (Method Used)</b>	<b>Flammable Limits</b>	<b>LEL</b>	<b>UEL</b>
62° F (PMCC)	No Data	No Data	No Data

**Extinguishing Media** – Use carbon dioxide, dry chemical, or alcohol foam.

**Special Fire Fighting Procedures** – Water may be ineffective. Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear a SCBA in chemical fires.

**Hazardous Products of Combustion** – Carbon dioxide, carbon monoxide, hydrogen sulfide, sulfur dioxide, smoke and soot.

**Unusual Fire and Explosion Hazards** – Vapors are heavier than and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, electric motors, static charge, or other ignition sources at locations distant from material handling point.

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### VI. ACCIDENTAL RELEASE MEASURES

**Small Spill** – Wipe up small releases with a dry absorbent cloth or other absorbent material.

**Large Spill** – Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers or drains. Ventilate area and block traffic. Transfer contaminated material into suitable container for proper disposal.

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### VII. HANDLING AND STORAGE

**Handling** – Do not allow towel contact with eyes. For external use only. Not for use around the mouth or eyes for an extended period of time. Do not smoke while using. Do not contaminate water, food or feed by use or storage. Follow label directions carefully

**Storage** – Store in a cool well ventilated area. Keep away from heat sources. Keep out of reach of children.

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## VIII. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Eye Protection** – None necessary. Do not allow towel to directly contact eyes.

**Skin Protection** – Not necessary. Product is designed for direct skin use.

**Respirator Protection** – Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

**Engineering Controls** – Ventilation not usually necessary but should be provided in the event of overexposure.

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## IX. PHYSICAL AND CHEMICAL DATA

<b>Appearance and Odor:</b>	Clear yellow liquid with an alcohol and perfume odor saturated on towel.
<b>PH</b>	6.7 + 0.5
<b>Specific Gravity (70°F)</b>	0.856
<b>Boiling Point:</b>	180°F
<b>Melting Point:</b>	No Data
<b>Evaporation Rate (Butyl Acetate = 1)</b>	> 1
<b>Vapor Pressure (mm-Hg @ 70°F)</b>	No Data
<b>Vapor Density (AIR = 1)</b>	>1
<b>Solubility in Water</b>	Complete
<b>Volatile Organic Compounds (VOCs)</b>	633.35 grams per liter 73.99% by weight

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## X. STABILITY AND REACTIVITY

**Hazardous Polymerization** – This product will not undergo hazardous polymerization.

**Hazardous Decomposition or Byproducts** – Carbon Dioxide, carbon monoxide, hydrogen sulfide, sulfur dioxide, and soot.

**Chemical Stability** – Stable

**Incompatibility (Materials to Avoid)** – Acetaldehyde, acids, chlorine, ethylene, oxide, isocyanates, strong oxidizers.

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## XI. TOXICOLOGICAL INFORMATION

**Ethanol:** Inhalation LC50: 20000 ppm/10H, rat  
Irritation eye: 50mg/24H Severe, rabbit  
Acute Oral: LD50 7060 mg/kg, rat

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## XII. ECOLOGICAL INFORMATION

**Ethanol:** Soil: readily biodegrades, quickly evaporates, leaches, into groundwater.  
Water: readily biodegrades evaporates at a moderate extent. Does not bioaccumulate.  
Air: readily degrades by reaction with photochemically hydroxyl radicals, readily removed by dry and wet deposition, has a half-life between 1 and 10 days.

## XIII. DISPOSAL CONSIDERATION

**Disposal Method** – Dispose of in accordance with all applicable local, state, and federal regulations.

**RCRA Waste information** - If this product becomes a waste, it would not be a hazardous waste (D001) as defined by RCRA (40 CFR 261). However, the waste should be properly characterized to evaluate whether its composition has been modified prior to disposal.

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#### XIV. TRANSPORTATION INFORMATION

##### DOT information – 49 CFR 172.101

**Proper Shipping Description:** Not Regulated

**Hazard Class:** None

**Identification Number:** None

**Packing Group:** None

##### Water Transportation:

**Proper Shipping Description:** Not Regulated

**Hazard Class:** None

**Identification Number:** None

**Packing Group:** None

##### Air Transportation:

**Proper Shipping Description:** Not Regulated

**Hazard Class:** None

**Identification Number:** None

**Packing Group:** None

**Marine Pollutants:** None

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#### XV. REGULATORY INFORMATION

##### US Federal Regulations

###### TSCA (Toxic Substances Control Act) Status

All ingredients are on the TSCA inventory or are not required to be listed on the TSCAA inventory.

###### CERCLA RQ – 40 CFR 302.4 (a)

None listed

###### SARA 313 Components – 40 CFR 372.65

None

##### State and Local Regulations:

###### California Proposition 65

**WARNING!** This product contains trace chemicals known to the State of California to cause cancer, and/or birth defects or other reproductive harm.

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#### XVI. ADDITIONAL INFORMATION

The information is furnished without warranty or implied, except that is accurate to the best of our knowledge. The data on this sheet relates only to the specific material designed herein. NTE Electronics, Inc. assumes no legal responsibility for use or reliance upon these data.

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