

# Material Safety Data Sheet

## AccuCure® UV Elite Fleet Luster



### SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: AccuCure UV Elite Fleet Luster  
 Item Number: 5004512  
 Product Use: UV Liquid Coating  
 Date Printed: 07/22/2009

Supplier: Neschen Americas  
 7091 Troy Hill Drive  
 Elkridge, MD 21075

Emergency Telephone: 800-486-6502 8:00am – 5:00pm  
 After Hour MSDS Available at: [www.neschenbrands.com/MSDS](http://www.neschenbrands.com/MSDS)

### SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Item	Chemical Name	CAS Number	WtWt% Less Than
1	Tripropylene glycol diacrylate	042978-66-5	25%
2	Proprietary acrylate	103-11-7	25%
3	Proprietary acrylate	56641-05-5	20%
4	Hexadiol Diacrylate	013048-33-4	5%
5	Proprietary acrylate	7473-98-5	5%

#### Exposure Limits

Item	ACGIH		OSHA		Company	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	Skin
1	Not Established	Not Established	Not Established	Not Established	Not Established	No
2	Not Established	Not Established	Not Established	Not Established	Not Established	No
3	Not Established	Not Established	Not Established	Not Established	Not Established	No
4	Not Established	Not Established	Not Established	Not Established	Not Established	No
5	Not Established	Not Established	Not Established	Not Established	Not Established	No

### SECTION 3 – HAZARDS IDENTIFICATION

\*\*\*EMERGENCY OVERVIEW\*\*\*: May cause skin irritation. May be irritating to eyes. Vapor from heated product may cause eye and respiratory irritation.

EFFECTS OF OVEREXPOSURE – EYE CONTACT: Can cause eye irritation, redness, tearing. May cause eye irritation or injury which may persist for days.

EFFECTS OF OVEREXPOSURE – SKIN CONTACT: May cause skin irritation. Allergic reactions are possible. May cause skin sensitization, allergic reaction, which becomes evident on re-exposure to this material. Burns can result from prolonged contact.

EFFECTS OF OVEREXPOSURE – INHALATION: Excessive inhalation of vapors can cause nasal and respiratory irritation, and central nervous system effects such as dizziness, fatigue, nausea, headache. If product is sprayed, inhalation of solid airborne particles may irritate the respiratory tract and lungs.

EFFECTS OF OVEREXPOSURE – INGESTION: No hazard in normal industrial use.

EFFECTS OF OVEREXPOSURE – CHRONIC HAZARDS: No chronic effects expected in normal use. Limited evidence of mutagenicity.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION EYE CONTACT.



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### SECTION 7 – HANDLING AND STORAGE

**Disposal Methods:** Dispose in accordance with federal, state and local regulations.

**HANDLING:** Wash thoroughly after handling. Use with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Do not store above 100F. Dissolved air is required for inhibitor to function. To prevent loss of inhibitor, do not blanket with nitrogen. Store in opaque or amber glass containers. Material may solidify at low temperatures, and may be melted in a water bath no warmer than 120F for no more than 24 hours. Never use steam or electrical heaters.

**STORAGE:** Keep away from heat, sparks, and flame. Keep container closed when not in use. This product is inhibited to prevent uncontrolled polymerization. Polymerization can generate heat and pressure and may cause product container to rupture. Check inhibitor space often and add inhibitor to bulk liquid if needed. Maintain head space in storage containers to support oxygen requirements of the inhibitor(s). Prevent materials from freezing (inhibitor can separate from product as a solid). Store below 90F (32C) and away from heat sources, strong oxidizers, radiation and other initiators. Use product within six months. Do not heat material with a drum heater.

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### SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.

**RESPIRATORY PROTECTION:** Local exhaust ventilation may be necessary to control any air contaminants to within their TLFs during the use of this product. If material is sprayed, sufficient local exhaust must be used to remove solid airborne particles. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**SKIN PROTECTION:** Gloves should be worn to avoid prolonged skin contact. The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Chemically resistant gloves should be worn if contact is likely. Neoprene gloves.

**EYE PROTECTION:** Chemical safety goggles must be worn.

**OTHER PROTECTIVE EQUIPMENT:** Where splashing is possible, an impermeable apron and boots should be worn. Neoprene gloves are recommended. For operations where contact can occur, a face shield, impervious body covering and boots are recommended.

**HYGENIC PRACTICES:** Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing.

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### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range	: 194 – 422 F	Vapor Density	: Is heavier than air
Odor	: Acrylate	Odor Threshold	: N. D.
Appearance	: Clear Liquid	Evaporative Rate	: Is slower than Butyl Acetate
Solubility in H <sub>2</sub> O	: None	Specific Gravity	: 1.0422
Freeze Point	: N. D.	pH @ 0.0%	: N. D.
Vapor pressure	: N.D.	Viscosity	: N. D.
Physical State	: N. D.	Weight % Solids	: 100.00

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### SECTION 10 – STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Keep from contact with oxidizing materials. Hazardous polymerization may occur. Storage at temperatures over 100F, exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials. Avoid contact with heat, moisture, or acids. Keep material out of direct sun.

INCOMPATIBILITY: Avoid contact with oxidizing agents. Avoid contact with strong acids or bases. Avoid contact with copper, brass and aluminum. Polymerization initiators including peroxides, strong oxidizing agents, copper, carbon steel, iron, rust and strong bases. Polyvinyl chloride, radical formers, free radical formers, peroxides, mercaptans, nitro-compounds, perborates, azides, ether, ketones, aldehydes, amines, nitrates, nitrites, oxidizing agents, reducing agents, strong bases, acid anhydrides, acid chlorides, concentrated mineral acids, metal salts, inert gas.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning may produce carbon dioxide and carbon monoxide.

HAZARDOUS POLYMERIZATION: Could occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

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### SECTION 11 – TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

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### SECTION 12 – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Information.

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### SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Not considered a hazardous waste by RCRA regulations. Incinerate or use biological treatment in accordance with federal, state and local regulations. Do not incinerate in a closed container. Incineration is recommended.

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### SECTION 14 – TRANSPORTATION INFORMATION

No transportation information is available.

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## SECTION 15 – REGULATORY INFORMATION

U.S. Federal Regulations: As follows:

OSHA: Hazardous by definition of Hazard Communications Standard (29 CFR 1910.1200)

CERCLA – SARA Hazard Category:

This product has been reviewed according to the EPA “Hazard Categories” promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard    Reaction Hazard

SARA Sections 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372:

-----CHEMICAL NAME-----CAS Number Wt/Wt % Is Less Than No SARAR Section 313 components exist in this product.

International Regulations: As follows –

Canadian WHMIS: this MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

Canadian WHMIS Class: No information available.

## SECTION 16 – OTHER INFORMATION

HMIS Ratings – Health: 2            Flammability: 1                            Reactivity: 2

Previous MSDS revision date: 08/16/07

Volatile Organic Compounds (VOCS): 0.00 lbs/gal, 0 grams/ltr

Legend:            N.A. – Not Applicable                            N.E. – Not Established  
                          N. D. – Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State and Local laws and regulations

---End---