

Revision Date 09/24/2014

Revision 7



## SAFETY DATA SHEET WINDOTEX ANTIGLARE

### 1. IDENTIFICATION

<b>Product Name</b>	WINDOTEX ANTIGLARE
<b>Identification No.</b>	3082
<b>Identified uses</b>	Industrial use: Screen printing
<b>Uses advised against</b>	The product should not be used for any purpose, other than that described above.
<b>Supplier</b>	MacDermid Autotype Inc. 1675 Winnetka Circle, Rolling Meadows, IL 60008, USA T: 001 847 818 8262 F: 001 847 818 8280 e: SDS@macdermidautotype.com
<b>Emergency Telephone</b>	800-424-9300 (Chemtrec, 24 hours)

### 2. HAZARD(S) IDENTIFICATION

#### GHS Pictogram



**Signal Word** Warning

#### Hazard Statements

H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

#### Precautionary Statements

P273	Avoid release to the environment.
P280	Wear eye protection. Wear protective clothing and gloves.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313	If eye irritation persists: Get medical advice/attention.
P391	Collect spillage.
P501	Dispose of contents/container in accordance with local regulations.

#### GHS Classification

Physical and Chemical Hazards	Not classified.
Human health	Eye Irrit. 2 - H319; Skin Sens. 1 - H317
Environment	Aquatic Chronic 2 - H411

### WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM - WHMIS

#### WHMIS Label



Materials Causing Other  
Toxic Effects.

## WINDOTEX ANTIGLARE

### Controlled Product Classification

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (CPR SECTION (33)) This product has been classified according to the hazard criteria of the Controlled Product Regulations, and the MSDS contains all required information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>7,9,9 &amp; 7,7,9-TRIMETHYL-3,14-DIOXA-4,13-DIOXO..., Mixture</b> EC NO 412-260-6 <span style="float: right;"><b>10-30%</b></span>
CAS No.: 52658-19-2 <span style="margin-left: 150px;">EC No.: 412-260-6</span>
GHS Classification Eye Irrit. 2 - H319; Skin Sens. 1 - H317; Aquatic Chronic 2 - H411
<b>2-PHENOXYETHYL ACRYLATE</b> <span style="float: right;"><b>10-30%</b></span>
CAS No.: 48145-04-6 <span style="margin-left: 150px;">EC No.: 256-360-6</span>
GHS Classification Skin Sens. 1 - H317
<b>ACRYLATED RESIN</b> <span style="float: right;"><b>10-30%</b></span>
CAS No.: <span style="margin-left: 150px;">EC No.:</span>
GHS Classification Eye Irrit. 2 - H319; Skin Sens. 1 - H317
<b>(1-METHYL-1,2-ETHANEDIYL)bis[OXY(METHYL-2,1-ETHANEDIYL)] DIACRYLATE</b> <span style="float: right;"><b>1-5%</b></span>
CAS No.: 42978-66-5 <span style="margin-left: 150px;">EC No.: 256-032-2</span>
GHS Classification Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317; STOT SE 3 - H335; Aquatic Chronic 2 - H411

### 4. FIRST-AID MEASURES

#### Description of first aid measures

##### **Inhalation**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

##### **Ingestion**

Immediately rinse mouth and drink plenty of water (200-300 ml). Give milk instead of water if readily available. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention.

##### **Skin Contact**

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

##### **Eye Contact**

Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

#### Most important symptoms and effects, both acute and delayed

##### **Inhalation**

No specific symptoms noted.

##### **Ingestion**

May cause stomach pain or vomiting.

##### **Skin Contact**

Allergic rash.

## WINDOTEX ANTIGLARE

### Eye Contact

Irritating and may cause redness and pain.

### Indication of any immediate medical attention and special treatment needed

#### Notes To The Physician

No specific first aid measures noted.

## 5. FIRE-FIGHTING MEASURES

### Auto Ignition Temperature (°C)

Not available.

### Flammability Limit - Lower(%)

Not available.

### Flammability Limit - Upper(%)

Not available.

**Flash point (°C)** >80 °C (> 176 °F) Sh CC (Setaflash closed cup).

### Extinguishing Media

Extinguish with foam, carbon dioxide, dry powder or water fog.

### Unsuitable extinguishing media

None known.

### Hazardous combustion products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### Special Fire Fighting Procedures

Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities.

### Protective Equipment For Fire-Fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this material safety data sheet. In case of spills, beware of slippery floors and surfaces.

### Environmental Precautions

Avoid discharge into water courses or onto the ground.

### Spill Clean Up Methods

Stop leak if possible without risk. Absorb spillage with oil-absorbing material.

## 7. HANDLING AND STORAGE

### Handling

Avoid contact with skin and eyes. Do not eat, drink or smoke when using the product. Promptly remove any clothing that becomes wet. Wash promptly if skin becomes wet.

### Storage

Store in tightly closed original container in a dry and cool place. Avoid exposure to high temperatures or direct sunlight.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
HYDROQUINONE		-	2 mg/m <sup>3</sup>	-	-	

### Ingredient Comments

No exposure limits noted for ingredient(s).

### Engineering Measures

Provide adequate ventilation.

### Respiratory Equipment

Respiratory protection not required.

### Hand Protection

Wear protective gloves. Butyl rubber gloves are recommended. Neoprene gloves are recommended. Nitrile gloves are recommended.

### Eye Protection

Wear approved, tight fitting safety glasses where splashing is probable.

## WINDOTEX ANTIGLARE

### Other Protection

Wear suitable protective clothing as protection against splashing or contamination.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear liquid.
<b>Color</b>	Colourless.
<b>Odor</b>	Slightly pungent odor.
<b>Solubility</b>	Insoluble in water
<b>Initial boiling point and boiling range</b>	>100 °C (> 212 °F)
<b>Melting point (°C)</b>	Not applicable.
<b>Relative density</b>	1.2 g/ml @ 20 °C (68 °F)
<b>Vapor density (air=1)</b>	Not applicable.
<b>Vapor pressure</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>pH-Value, Conc. Solution</b>	Not applicable.
<b>Viscosity</b>	50-100 Ps @ 25 °C (77 °F)
<b>Decomposition temperature (°C)</b>	Not available.
<b>Flash point</b>	>80 °C (> 176 °F) Sh CC (Setaflash closed cup).
<b>Auto Ignition Temperature (°C)</b>	Not available.
<b>Flammability Limit - Lower(%)</b>	Not available.
<b>Flammability Limit - Upper(%)</b>	Not available.
<b>Oxidising properties</b>	Does not meet the criteria for oxidising.
<b>Volatile Organic Compound (VOC)</b>	< 4 g/litre

## 10. STABILITY AND REACTIVITY

### Reactivity

There are no known reactivity hazards associated with this product.

### Stability

Stable under normal temperature conditions and recommended use.

May polymerise.

### Polymerisation Description

Avoid heat.

### Conditions To Avoid

Avoid exposure to high temperatures or direct sunlight.

### Materials To Avoid

Strong oxidizing substances.

### Hazardous Decomposition Products

None at ambient temperatures.

## 11. TOXICOLOGICAL INFORMATION

### Toxicological information

No data recorded.

## 12. ECOLOGICAL INFORMATION

### Toxicity

The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

## WINDOTEX ANTIGLARE

### Degradability

There are no data on the degradability of this product.

### Bioaccumulative potential

No data available on bioaccumulation.

### Mobility:

Not considered mobile. The product is immiscible with water and will sediment in water systems.

### Other adverse effects

None known.

## 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of contents/container in accordance with local regulations. Contact specialist disposal companies. Recover and reclaim or recycle, if practical. Liquid components can be disposed of by incineration. Small quantities in an industrial wastewater stream are easily treated in biological treatment systems.

### Waste Class

Not classified as hazardous waste under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261

## 14. TRANSPORT INFORMATION

UN No. (DOT/TDG)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082
DOT Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
TDG Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
DOT Hazard Class	
	9
DOT Hazard Label	
	Class 9
TDG Class	9
TDG Label(s)	9
IMDG Class	9
ICAO Class	9
Transport Labels	



DOT Pack Group	III
IMDG Pack Group	III
Air Pack Group	III

### Environmentally Hazardous Substance/Marine Pollutant



EMS

F-A, S-F

## 15. REGULATORY INFORMATION

### US Federal Regulations

## WINDOTEX ANTIGLARE

### Federal Regulations Comments

SECTION 313: This product does not contain toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372. TSCA: The ingredients of this product are on the TSCA Inventory.

### US State Regulations

#### State Regulations Comments

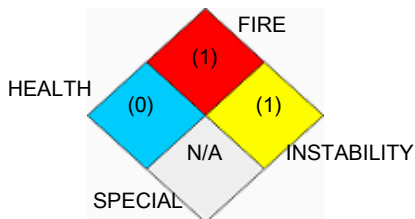
State and local regulations may apply.

## 16. OTHER INFORMATION

### HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

HEALTH	1
FLAMMABILITY	1
PHYSICAL	1
PERSONAL PROTECTION	B

### NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)



### Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

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### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.