

Revision Date 04/26/2016

Revision 7



SAFETY DATA SHEET WINDOTEX GLOSS

1. IDENTIFICATION

Product Name	WINDOTEX GLOSS
Identified uses	Industrial use: Screen printing
Uses advised against	The product should not be used for any purpose, other than that described above.
Supplier	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
Emergency Telephone	800-424-9300 (Chemtrec, 24 hours)

2. HAZARD(S) IDENTIFICATION

EMERGENCY OVERVIEW

This Product is Hazardous under the OSHA Hazard Communication Standard. This product is hazardous under the Workplace Hazardous Materials Information System (WHMIS)

GHS Pictogram



Signal Word	Warning	
Hazard Statements	H317	May cause an allergic skin reaction.
	H319	Causes serious eye irritation.
	H412	Harmful to aquatic life with long lasting effects.
Precautionary Statements	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.
	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 3 - H412

3. COMPOSITION/INFORMATION ON INGREDIENTS

PROPYLIDYNE TRIMETHYLOL, ETHOXYLATED, ESTERS WITH ACRYLIC ACID	30-60%
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CAS No.: 28961-43-5

EC No.: 500-066-5

GHS Classification

Eye Irrit. 2 - H319; Skin Sens. 1 - H317

WINDOTEX GLOSS

ACRYLATED RESIN		10-30%
CAS No.:	EC No.:	
GHS Classification Eye Irrit. 2 - H319; Skin Sens. 1 - H317		
(1-METHYL-1,2-ETHANEDIYL)bis[OXY(METHYL-2,1-ETHANEDIYL)] DIACRYLATE		1-5%
CAS No.: 42978-66-5	EC No.: 256-032-2	
GHS Classification Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317; STOT SE 3 - H335; Aquatic Chronic 2 - H411		
2,2-DIMETHOXY-1,2-DIPHENYLETHAN-1-ONE		1-5%
CAS No.: 24650-42-8	EC No.: 246-386-6	
GHS Classification Acute Tox. 4 - H302; STOT RE 2 - H373; 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.

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.

WINDOTEX GLOSS

Flash point (°C) >80 °C (> 176 °F) Cd OC (Cleveland open cup).

Extinguishing Media

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

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Hazardous combustion products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

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. Store away from: Oxidizing material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient Comments

No exposure limits noted for ingredient(s).

Engineering Measures

Provide adequate ventilation.

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.

Other Protection

Wear suitable protective clothing as protection against splashing or contamination.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid.
Color	Colourless.
Odor	Slightly pungent odor.
Solubility	Immiscible with water
Initial boiling point and boiling range	>100 °C (> 212 °F)
Melting point (°C)	Not applicable.
Relative density	1.2 g/ml @ 20 °C (68 °F)
Vapor density (air=1)	> 1
Vapor pressure	Not available.
Evaporation rate	Not available.
pH-Value, Conc. Solution	Not applicable.
Viscosity	50-100 Ps @ 25 °C (77 °F)

WINDOTEX GLOSS

Decomposition temperature (°C)

Not available.

Flash point

>80 °C (> 176 °F) Cd OC (Cleveland open cup).

Auto Ignition Temperature (°C)

Not available.

Flammability Limit - Lower(%)

Not available.

Flammability Limit - Upper(%)

Not available.

Oxidising properties

Does not meet the criteria for oxidising.

10. STABILITY AND REACTIVITY

Reactivity

There are no known reactivity hazards associated with this product.

Stability

Stable under normal temperature conditions and recommended use.

Hazardous Polymerisation

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.

Degradability

The product is expected to be biodegradable.

Bioaccumulative potential

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

Mobility:

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

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, DOT).

Transport Labels

No transport warning sign required.

WINDOTEX GLOSS

Environmentally Hazardous Substance/Marine Pollutant

No.

15. REGULATORY INFORMATION

US Federal Regulations

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

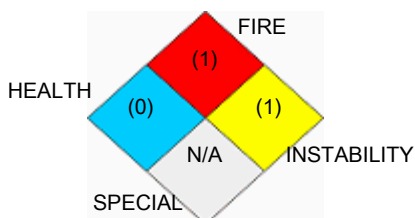
State and local regulations may apply.

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.