



**SAFETY DATA SHEET**  
**AUTOTYPE UNIVERSAL MESH PREP**

**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

PRODUCT NAME	AUTOTYPE UNIVERSAL MESH PREP		
APPLICATION	Water based chemical product for screen printing		
MANUFACTURER	MacDermid Autotype Inc. 701 Industrial Drive Middletown, DE 19709	SUPPLIER	Screenotec Corp. 930 Westport Crescent Mississauga, ON L5T 1G1
	T: +1 847-818-8262 F: +1 847-818-8280		T: +1 905-670-7042 F: +1 905-670-7046
EMERGENCY TELEPHONE	Chemtrec: 1-800-424-9300		

**2 HAZARDS IDENTIFICATION**

Not regarded as a health or environmental hazard under current legislation.

**HUMAN HEALTH**

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
1,2-BENZOISOTHIAZOL-3(2H)-ONE	220-120-9	2634-33-5	< 1%	Xn;R22 R43 Xi;R38,R41 N;R50

The Full Text for all R-Phrases are Displayed in Section 16

**4 FIRST-AID MEASURES**

**INHALATION**

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

**INGESTION**

Immediately rinse mouth and drink plenty of water. If person becomes uncomfortable or if ingested in large amounts (50-100 ml for an adult person): Take to hospital along with these instructions.

**SKIN CONTACT**

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

**EYE CONTACT**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

The product is non-combustible.

**SPECIAL FIRE FIGHTING PROCEDURES**

No specific fire fighting procedure given.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

No unusual fire or explosion hazards noted.

**6 ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

## AUTOTYPE UNIVERSAL MESH PREP

## ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground. Collect and dispose of spillage as indicated in section 13.

## SPILL CLEAN UP METHODS

Absorb spillage with suitable absorbent material. Collect in containers and seal securely. Flush contaminated area with plenty of water.

## 7 HANDLING AND STORAGE

## USAGE DESCRIPTION

Refer to Product Data Sheet and Usage Instructions

## STORAGE PRECAUTIONS

Store in closed original container at temperatures between 8°C and 28°C.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

## PROTECTIVE EQUIPMENT



## ENGINEERING MEASURES

Provide adequate ventilation.

## RESPIRATORY EQUIPMENT

Respiratory protection not required.

## HAND PROTECTION

Rubber gloves are recommended.

## EYE PROTECTION

Wear approved safety goggles.

## OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

## HYGIENE MEASURES

When using do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Dark coloured liquid		
COLOUR	Brown		
ODOUR	Mild		
SOLUBILITY	Soluble in water		
BOILING POINT (°C)	100	MELTING POINT (°C)	N/A
RELATIVE DENSITY	1	VAPOUR PRESSURE	2.3392 kPa 20
pH-VALUE, CONC. SOLUTION	3 - 5	VISCOSITY	17 SEC B4
VOLATILE ORGANIC COMPOUND (VOC)	0		

## 10 STABILITY AND REACTIVITY

## STABILITY

No particular stability concerns.

## CONDITIONS TO AVOID

Avoid exposure to high temperatures or direct sunlight.

## HAZARDOUS POLYMERISATION

Will not polymerise.

## POLYMERISATION DESCRIPTION

Avoid alkalis, strong acids and heat.

## MATERIALS TO AVOID

Water reactive material.

## AUTOTYPE UNIVERSAL MESH PREP

## HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions.

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50                      1, 2-BENZISOTHIAZOLIN-3-ONE = &gt;5000 mg/kg (oral rat)

TOXIC DOSE 2 - LD 50                      Chloracetamide 138

## INHALATION

No specific health warnings noted.

## INGESTION

May cause discomfort if swallowed.

## SKIN CONTACT

Risk of sensitisation or allergic reactions among sensitive individuals.

## EYE CONTACT

Irritating to eyes.

**12 ECOLOGICAL INFORMATION**

## ECOTOXICITY

The product is not expected to be hazardous to the environment. The product is not expected to be hazardous to waste water treatment processes.

**13 DISPOSAL CONSIDERATIONS**

## GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

## DISPOSAL METHODS

Contact specialist disposal companies.

## WASTE CLASS

EWC 08 04 14

**14 TRANSPORT INFORMATION**

GENERAL                                      Not regulated.

**15 REGULATORY INFORMATION**

## RISK PHRASES

NC    Not classified.

## SAFETY PHRASES

NC    Not classified.

P14    Contains 1,2-Benzisothiazolin-3-one. May produce an allergic reaction.

**16 OTHER INFORMATION**

REVISION DATE                              01/01/2009

REV. NO./REPL. SDS                      1  
GENERATED

## RISK PHRASES IN FULL

R22    Harmful if swallowed.

R38    Irritating to skin.

R41    Risk of serious damage to eyes.

R43    May cause sensitisation by skin contact.

R50    Very toxic to aquatic organisms.

## 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 with 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.