



SAFETY DATA SHEET
AUTOTYPE DIAZO SENSITISER (POWDER)

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

PRODUCT NAME	AUTOTYPE DIAZO SENSITISER (POWDER)		
APPLICATION	Sensitiser for AUTOTYPE Autosol emulsions, used in screen printing.		
MANUFACTURER	MacDermid Autotype Inc. 701 Industrial Drive Middletown, DE 19709	SUPPLIER	Screentec Corp.. 930 Westport Crescent, Mississauga, ON L5T 1G1
	T: +1 847-818-8262		T: +1 905-670-7042
	F: +1 847-818-8280		F: +1 905-670-7046
EMERGENCY TELEPHONE	Chemtrec: 1-800 424-9300		
PACKAGING SIZE	3g, 5g, 12g & 20g Sachets		

2 HAZARDS IDENTIFICATION

Harmful if swallowed. Irritating to eyes.

CLASSIFICATION Xn;R22. Xi;R36.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BENZENEDIAZONIUM-4-DIPHENYLAMINE SULPHATE CONDENSATION PRODUCT WITH FORMALDEHYDE - COBALT SALT			60-100%	Xn;R22. Xi;R36.

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.

INGESTION

Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

SKIN CONTACT

Wash skin thoroughly with soap and water.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours.

SPECIFIC HAZARDS

By fire, toxic gases may be formed (COx, NOx).

PROTECTIVE MEASURES IN FIRE

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

6 ACCIDENTAL RELEASE MEASURES

REVISION DATE: 01/01/2009

AUTOTYPE DIAZO SENSITISER (POWDER)**PERSONAL PRECAUTIONS**

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

ENVIRONMENTAL PRECAUTIONS

Avoid discharge to the aquatic environment.

SPILL CLEAN UP METHODS

Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into closed container.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Avoid inhalation of high concentrations of dust.

USAGE DESCRIPTION

Refer to Product Data Sheet and Usage Instructions

STORAGE PRECAUTIONS

Store in closed original container at temperatures between 8°C and 21°C.

STORAGE CLASS

Flammable solid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Suitable respiratory protection must be used at high concentrations.

HAND PROTECTION

Rubber gloves are recommended.

EYE PROTECTION

Goggles/face shield are recommended.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

Wash hands after contact.

PERSONAL PROTECTION

Wear suitable protective overalls

ENVIRONMENTAL EXPOSURE CONTROLS10 mg/m³ as dust**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Powder		
COLOUR	Brown		
ODOUR	Almost odorless		
BOILING POINT (°C)	Decomp.	MELTING POINT (°C)	Decomp.
RELATIVE DENSITY	1	VAPOUR PRESSURE	N/A
pH-VALUE, CONC. SOLUTION	<3	VISCOSITY	N/A
FLASH POINT (°C)	N/A	AUTO IGNITION TEMPERATURE (°C)	N/A
FLAMMABILITY LIMIT - LOWER(%)	N/A		

10 STABILITY AND REACTIVITY

REVISION DATE: 01/01/2009

AUTOTYPE DIAZO SENSITISER (POWDER)**STABILITY**

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid exposure to high temperatures or direct sunlight.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTSBy fire, toxic gases (CO, CO₂, NO_x) may be formed.**11 TOXICOLOGICAL INFORMATION****TOXIC DOSE 1 - LD 50** 1643 mg/kg (oral rat)**INHALATION**

Dust may irritate respiratory system or lungs.

INGESTION

Gastrointestinal symptoms, including upset stomach. Swallowing concentrated chemical may cause severe internal injury.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Irritating and may cause redness and pain.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

There are no data on the ecotoxicity of this product.

MOBILITY

The product is partly miscible with water and may spread in the aquatic environment.

BIOACCUMULATION

The product does not contain any substances expected to be bioaccumulating.

DEGRADABILITY

The product is expected to be biodegradable.

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

Waste is classified as hazardous waste.

DISPOSAL METHODS

By authorised solid chemical waste disposal.

WASTE CLASS

EWC 20 01 17

14 TRANSPORT INFORMATION**GENERAL**

Not regulated.

15 REGULATORY INFORMATION**LABELLING**

Harmful

REVISION DATE: 01/01/2009

AUTOTYPE DIAZO SENSITISER (POWDER)CONTAINS BENZENEDIAZONIUM-4-DIPHENYLAMINE SULPHATE CONDENSATION PRODUCT WITH
FORMALDEHYDE - COBALT SALT

RISK PHRASES

R22 Harmful if swallowed.

R36 Irritating to eyes.

SAFETY PHRASES

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical
advice.

S60 This material and its container must be disposed of as hazardous waste.

16 OTHER INFORMATION

REVISION DATE 01/01/2009 – Date Revision

REV. NO./REPL. SDS SDS #2 – Replaces SDS #1

GENERATED

RISK PHRASES IN FULL

R22 Harmful if swallowed.

R36 Irritating to eyes.

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.