



SAFETY DATA SHEET AUTOTYPE AUTOPREP GEL

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

| | | | |
|---------------------|---------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------|
| PRODUCT NAME | AUTOTYPE AUTOPREP GEL | | |
| CHEMICAL NAME | Abrasive gel containing surfactant | | |
| APPLICATION | To prepare the screen mesh before applying a stencil. | | |
| SUPPLIER | Screentec Corp. 930 Westport Crescent Mississauga, ON L5T 1G1 T: +1 905-670-7042 F: +1 905-670-7046 | MANUFACTURER | MacDermid Autotype Inc. 701 Industrial Drive Middletown, DE 19709 T: +1 847-818-8262 F: +1 847-818-8280 |
| EMERGENCY TELEPHONE | Chemtrec: +1 800-424-9300 | | |
| CONTAINER SIZE | 1L, 5L, 25L, 210L | | |

2 HAZARDS IDENTIFICATION

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

ENVIRONMENT

The product is not expected to be hazardous to the environment.

HUMAN HEALTH

The hazardous properties of the product are considered limited. May cause minor irritation on skin contact. Limited inhalation hazard at normal work temperatures.

3 COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives.

4 FIRST-AID MEASURES

INHALATION

Unlikely route of exposure as the product does not contain volatile substances.

INGESTION

Rinse mouth thoroughly. Do not induce vomiting. Get medical attention if any discomfort continues.

SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water.

EYE CONTACT

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

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIFIC HAZARDS

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

PROTECTIVE MEASURES IN FIRE

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

6 ACCIDENTAL RELEASE MEASURES

AUTOTYPE AUTOPREP GEL

PERSONAL PRECAUTIONS

Follow precautions for safe handling described in this safety data sheet. Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Small quantities may be flushed to drains with plenty of water. Large Spillages Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Stop leak if possible without risk. Small quantities may be flushed to drains with plenty of water. Large Spillages Do not allow to enter drains, sewers or watercourses. Absorb in vermiculite, dry sand or earth and place into containers. For waste disposal, see section 13. Flush with plenty of water to clean spillage area.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Observe good industrial hygiene practices.

STORAGE PRECAUTIONS

Store in closed original container at temperatures between 5°C and 30°C.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

No exposure limits noted for ingredient(s).

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. Butyl rubber gloves are recommended. Neoprene gloves are recommended. Nitrile gloves are recommended.

EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination.

HYGIENE MEASURES

When using do not eat, drink or smoke. Promptly remove any clothing that becomes wet. Wash promptly if skin becomes wet. Use appropriate skin cream to prevent drying of skin.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---------------------------------|------------------|------------------|-----------------------------------------|
| APPEARANCE | Coloured gel | | |
| COLOUR | Grey | | |
| ODOUR | Slight odour | | |
| SOLUBILITY | Soluble in water | | |
| BOILING POINT (°C) | 100 °C | RELATIVE DENSITY | 1.08 g/ml @ 20 °C |
| pH-VALUE, CONC. SOLUTION | 3 - 4 | VISCOSITY | Kinematic > 7mm ² /s @ 40 °C |
| VOLATILE ORGANIC COMPOUND (VOC) | 0 g/litre | | |

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid frost.

AUTOTYPE AUTOPREP GEL

MATERIALS TO AVOID

No incompatible groups noted.

HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions.

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

This product has low toxicity. Only large volumes may have adverse impact on human health.

INHALATION

No specific health warnings noted.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Skin irritation is not anticipated when used normally.

EYE CONTACT

No specific health warnings noted.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product is not expected to be hazardous to the environment.

MOBILITY

The product is water soluble and may spread in water systems.

BIOACCUMULATION

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

DEGRADABILITY

The product is expected to be biodegradable.

ACUTE FISH TOXICITY

Not considered toxic to fish.

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. The packaging must be empty (drop-free, when inverted)

DISPOSAL METHODS

Contact specialist disposal companies. Liquid components can be disposed of by incineration. Small quantities may be flushed to drains with plenty of water.

WASTE CLASS

EWC 16 10 02

14 TRANSPORT INFORMATION

GENERAL

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

No transport warning sign required.

MARINE POLLUTANT

No.

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

NC Not classified.

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC.

AUTOTYPE AUTOPREP GEL

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

REVISION COMMENTS

This is first issue.

REVISION DATE 01/01/2009

REV. NO./REPL. SDS 1

GENERATED

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.