

Revision Date 12/17/2014

Revision 5



SAFETY DATA SHEET AUTOSTAT AND ESTERFILM

1. IDENTIFICATION

Product Name	AUTOSTAT AND ESTERFILM
Identified uses	Industrial use: Heat stabilised film.
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

GHS Pictogram
No pictogram required.

GHS Classification

Physical and Chemical Hazards	Not classified.
Human health	Not classified.
Environment	Not classified.

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM - WHMIS

WHMIS Label

Not Classified According to
WHMIS.

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

Composition Comments

None of the ingredients are required to be listed.

4. FIRST-AID MEASURES

Description of first aid measures

Inhalation

Not relevant

Ingestion

Not relevant

Skin Contact

Not relevant

Eye Contact

Not relevant

Most important symptoms and effects, both acute and delayed

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Inhalation

No specific symptoms noted.

Ingestion

No specific symptoms noted.

Skin Contact

No specific symptoms noted.

Eye Contact

No specific symptoms noted.

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 applicable.

Flammability Limit - Upper(%)

Not applicable.

Flash point (°C)

Not applicable.

Extinguishing Media

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

None known.

Hazardous combustion products

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

Protective Equipment For Fire-Fighters

Use protective equipment appropriate for surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Follow precautions for safe handling described in this material safety data sheet.

Environmental Precautions

Not relevant

Spill Clean Up Methods

No specific clean-up procedure noted.

7. HANDLING AND STORAGE

Handling

No specific usage precautions noted.

Storage

Store in tightly closed original container in a dry and cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient Comments

No exposure limits noted for ingredient(s).

Respiratory Equipment

Respiratory protection not required.

Hand Protection

Hand protection not required.

Eye Protection

Not relevant

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Clear Translucent or Opaque

Color

Colourless.

AUTOSTAT AND ESTERFILM

Odor	None
Solubility	Insoluble in water
Initial boiling point and boiling range	Not applicable.
Melting point (°C)	Not applicable.
Bulk Density	1.3 kg/l
Vapor density (air=1)	Not applicable.
Vapor pressure	Not applicable.
Evaporation rate	Not applicable.
pH-Value, Diluted Solution	Not applicable.
Viscosity	Not applicable.
Decomposition temperature (°C)	Not available.
Flash point	Not applicable.
Auto Ignition Temperature (°C)	Not available.
Flammability Limit - Lower(%)	Not applicable.
Flammability Limit - Upper(%)	Not applicable.
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.

None known.

Conditions To Avoid

There are no known conditions that are likely to result in a hazardous situation.

Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

Hazardous Decomposition Products

None at ambient temperatures.

11. TOXICOLOGICAL INFORMATION

Toxicological information

No data recorded.

12. ECOLOGICAL INFORMATION

Toxicity

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

Degradability

The product is not expected to be biodegradable.

Bioaccumulative potential

No data available on bioaccumulation.

Mobility:

Not considered mobile. The product is insoluble in water.

Other adverse effects

None known.

AUTOSTAT AND ESTERFILM

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Recover and reclaim or recycle, if practical. Incinerate in suitable combustion chamber. or Dispose of on site landfill area.

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.

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

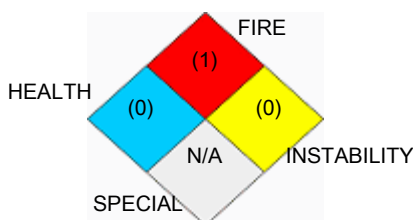
State Regulations Comments

State and local regulations may apply.

16. OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

HEALTH	0
FLAMMABILITY	1
PHYSICAL	0
PERSONAL PROTECTION	N/A.

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.