



SAFETY DATA SHEET

In accordance with REACH Regulation EC No. 1907/2006
as amended by EC 453/2010

Product: **Versawipes**

Version: Version 3

Date: 23/03/2015

Supersedes: Version 2: dated 01/07/2014

Page: 1 of 11

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

1.1 Product identifier Versawipes

Other means of identification PHCW-100-WIPES
VWIPES-B50

1.2 Relevant identified uses of the substance or mixture and uses advised against

Uses: A wet wipe for use in the cleaning of thermal printheads, platen rollers and label sensors.

Not to be used for: * For cleaning the above parts only.

1.3 Details of the supplier of the Safety Data Sheet

Company Name: Thermal Transfer Solutions Limited

Address: Unit 2, The IO Centre,
Nash Road, Park Farm North,
Redditch,
Worcestershire,
B98 7AS
United Kingdom

Telephone: +44 (0)1527 517577

Fax: +44 (0)1527 517533

E-mail: sales@tts.eu.com

Web Site www.thermaltransfersolutions.com

1.4 Emergency telephone number

Telephone: National Poisons Information Service (UK) +44 (0)844 8920111

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

- 67/548/EEC F; R11 Xi; R36 R67

SAFETY DATA SHEET

In accordance with REACH Regulation EC No. 1907/2006
as amended by EC 453/2010

Product: **Versawipes**

Version: Version 3

Date: 23/03/2015

Supersedes: Version 2: dated 01/07/2014

Page: 2 of 11

Symbols: F: Highly flammable. Xi: Irritant.

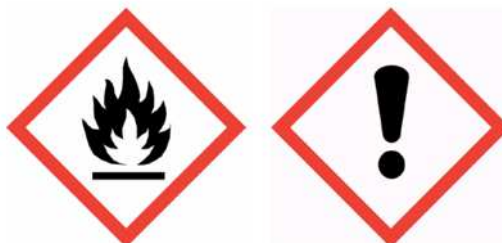
Main hazards.

Highly flammable. Irritating to eyes.

- EC 1272/2008

Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;

2.2 Label elements



Signal Word

Danger

Hazard Statement

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Eye Irrit. 2: H319 - May cause eye irritation.

**Precautionary Statement:
Prevention**

P102 - Keep out of reach of children.

P103 - Read label before use.

P233 - Keep container tightly closed.

**Precautionary Statement:
Response**

P101 - If medical advice is needed, have product container or label at hand.

P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 - Call a POISON CENTER or doctor / physician if you feel unwell.

P337+P313 - If eye irritation persists: Get medical advice / attention.



SAFETY DATA SHEET

In accordance with REACH Regulation EC No. 1907/2006
as amended by EC 453/2010

Product: **Versawipes**

Version: Version 3

Date: 23/03/2015

Supersedes: Version 2: dated 01/07/2014

Page: 3 of 11

P370+P378 - In case of fire: Use extinguishing media appropriate to the surrounding fire conditions. Alcohol resistant foam, Carbon dioxide (CO₂) for extinction.

Precautionary Statement: P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
Storage

P403+P235 - Store in a well-ventilated place. Keep cool.

Precautionary Statement: P501 - Dispose of contents / container to a licensed waste disposal company in compliance with local and national regulations.
Disposal

2.3 Other hazards This product does not contain any PBT or VPvB substances.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		60 - 70%	F; R11 Xi; R36 R67

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		60 - 70%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;

3.2 Mixtures See section 3.1 for further information.

Further information For full text of H-statements and R-phrases: see SECTION 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation Inhalation is highly unlikely due to liquid impregnated on a fabric substrate, therefore considered to be not hazardous by inhalation. IF INHALED: Remove



SAFETY DATA SHEET

In accordance with REACH Regulation EC No. 1907/2006
as amended by EC 453/2010

Product: **Versawipes**

Version: Version 3

Date: 23/03/2015

Supersedes: Version 2: dated 01/07/2014

Page: 4 of 11

victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if irritation or symptoms persist.

Eye contact	Eye contact is unlikely due to liquid impregnated on a fabric substrate. Remove the affected person from the source of contamination immediately. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.
Skin contact	No irritating of the skin expected. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion is highly unlikely due to liquid impregnated on a fabric substrate. Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	Vapours may cause drowsiness and dizziness.
Eye contact	May cause eye irritation.
Skin contact	No specific symptoms noted.
Ingestion	No specific symptoms noted.

4.3 Indication of any immediate medical attention and special treatment needed If you feel unwell, seek medical advice (show the label where possible). No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES

5.1	Extinguishing media	This product is flammable. Use extinguishing media appropriate to the surrounding fire conditions.
5.2	Special hazards arising from the substance or mixture	In the event of a large fire toxic fumes containing oxides of carbon may be formed, which would necessitate the use of a self-contained breathing apparatus. Vapour may travel considerable distance to source of ignition and flash back.
5.3	Advice for firefighters	Wear protective gloves / protective clothing / eye protection / face protection. Wear suitable respiratory equipment when necessary. Avoid breathing dust / fume / gas / mist / vapours / spray. Ground / bond container and receiving equipment. Keep away from heat / sparks / open flames / hot surfaces. – No smoking. Keep container tightly closed. Take precautionary measures against static discharge. Use explosion-proof electrical / ventilating / lighting / equipment. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Wear protective gloves / protective clothing / eye protection / face protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES



SAFETY DATA SHEET

In accordance with REACH Regulation EC No. 1907/2006
as amended by EC 453/2010

Product: **Versawipes**

Version: Version 3

Date: 23/03/2015

Supersedes: Version 2: dated 01/07/2014

Page: 5 of 11

- 6.1 Personal precautions, protective equipment and emergency procedures** Avoid contact of the fluid with the eyes.
- 6.2 Environmental precautions** Large spillages are highly unlikely due to liquid impregnated on a fabric substrate. Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Do not flush into surface water. Prevent further spillage if safe.
- 6.3 Methods and material for containment and cleaning up** Large spillages are highly unlikely due to liquid impregnated on a fabric substrate. Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
- 6.4 Reference to other sections** For recommended personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Adopt best Manual Handling considerations when handling, carrying and dispensing.
- 7.2 Conditions for safe storage, including any incompatibilities** Keep out of the reach of children. Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Do NOT allow to freeze.
- 7.3 Specific end use** No relevant information required

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters** The product is impregnated onto a fabric substrate so free liquid will not be available and exposure significantly mitigated.
-



SAFETY DATA SHEET

In accordance with REACH Regulation EC No. 1907/2006
as amended by EC 453/2010

Product: **Versawipes**

Version: Version 3

Date: 23/03/2015

Supersedes: Version 2: dated 01/07/2014

Page: 6 of 11

8.1.1 Exposure Limit Values

Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500	WEL 8-hr limit mg/m ³ : 999 WEL 15 min limit mg/m ³ : 1250
Methanol	WEL 8-hr limit ppm: 200 WEL 15 min limit ppm: 250	WEL 8-hr limit mg/m ³ : 266 WEL 15 min limit mg/m ³ : 333

8.2 Exposure controls

8.2.1 **Appropriate engineering Controls** None

8.2.2 **Individual protection measures** None

8.2.3 **Environmental exposure controls** Do not empty into drains. Do not flush into surface water. Prevent further spillage if safe.

8.2.3. **Further information** Information valid at the time of review of safety data sheet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- a Appearance: Blue or white nonwoven fabric impregnated with a colourless solution.
- b Odour: Unfragranced but characteristic alcoholic odour.
- c Odour threshold: Not available.
- d pH: Not available.
- e Melting point / freezing point: Not available.
- f Initial boiling point and Not available.



SAFETY DATA SHEET

In accordance with REACH Regulation EC No. 1907/2006
as amended by EC 453/2010

Product: **Versawipes**

Version: Version 3

Date: 23/03/2015

Supersedes: Version 2: dated 01/07/2014

Page: 7 of 11

boiling range:

g Flash point: 18°C

h Evaporation rate: Not available.

i Flammability (solid, gas): Not applicable.

j Upper / lower flammability or explosive limits: Not available.

k Vapour pressure: Not available.

l Vapour density: Not available.

m Relative density: 0.83 - 0.89

n Solubility(ies): Impregnating fluid completely soluble / miscible with water.

o Partition coefficient: n-octanol / water: Completely miscible with water.

p Auto-ignition temperature: Not available.

q Decomposition temperature: Not available.

r Viscosity: Water thin.

s Explosive properties: Not available.

t Oxidising properties: Not available.

9.2 Other information None available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity Avoid sparks, flames, heat and sources of ignition.

10.2 Chemical Stability Stable under normal conditions. Will not decompose if stored and used as recommended.

10.3 Possibility of hazardous reactions Strong acids and Strong bases. Strong oxidising agents.

10.4 Conditions to avoid Heat, sparks and open flames. Do NOT allow to freeze.

10.5 Incompatible materials Strong acids and Strong bases. Strong oxidising agents.



SAFETY DATA SHEET

In accordance with REACH Regulation EC No. 1907/2006
as amended by EC 453/2010

Product: **Versawipes**

Version: Version 3

Date: 23/03/2015

Supersedes: Version 2: dated 01/07/2014

Page: 8 of 11

10.6 Hazardous decomposition products Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	Based on available data the classification criteria are not met.
Skin corrosion / irritation	Based on available data the classification criteria are not met.
Serious eye damage / irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	Based on available data the classification criteria are not met.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard	Based on available data the classification criteria are not met.

11.1.4 Toxicological Information

Isopropanol	Inhalation Rat LC50/4 h: 30 mg/l Dermal Rabbit LD50: 12800 mg/kg	Oral Rat LD50: 5045 mg/kg
Methanol	Inhalation Rat LC50/4 h: 128.2 mg/l Dermal Rabbit LD50: 17100 mg/kg	Oral Rat LD50: > 1187 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Based on the ingredients present and their concentrations this preparation is not expected to be hazardous to aquatic organisms.
12.2 Persistence degradability	and The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in the Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
12.3 Bio accumulative potential	No data available.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No. 1907/2006
as amended by EC 453/2010

Product: **Versawipes**

Version: Version 3

Date: 23/03/2015

Supersedes: Version 2: dated 01/07/2014

Page: 9 of 11

- | | | |
|-------------|---|--|
| 12.4 | Mobility in soil | The product is soluble in water. |
| 12.5 | Results of PBT and vPvB assessment | The product does not contain any PBT or vPvB substances. |
| 12.6 | Other adverse effects | Not known. |

SECTION 13: DISPOSAL CONSIDERATION

- | | | |
|-------------|--------------------------------|---|
| 13.1 | Waste treatment methods | Contact a licensed waste disposal company. Dispose of as special waste in compliance with local and national regulations. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations. |
|-------------|--------------------------------|---|

SECTION 14: TRANSPORT INFORMATION

Hazard pictograms



- | | | |
|-------------|-------------------------------------|--------------------------|
| 14.1 | UN number | UN3175 |
| 14.2 | UN proper shipping name | FLAMMABLE LIQUID, N.O.S. |
| 14.3 | Transport hazard class(es) | |
| | ADR/RID | 3 |
| | Subsidiary Risk | - |
| | IMDG | 3 |
| | Subsidiary Risk | - |
| | IATA | 3 |
| | Subsidiary Risk | - |
| 14.4 | Packing group | II |
| 14.5 | Environmental hazards | No |
| | Marine Pollutant | No |
| 14.6 | Special precautions for user | Not applicable. |



SAFETY DATA SHEET

In accordance with REACH Regulation EC No. 1907/2006
as amended by EC 453/2010

Product: **Versawipes**

Version: Version 3

Date: 23/03/2015

Supersedes: Version 2: dated 01/07/2014

Page: 10 of 11

14.7 Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC Code Not applicable.

ADR/RID
Hazard ID 33
Tunnel Category (D/E)

IMDG
EmS Code F-E S-E

IATA
Packaging Instruction (Cargo) 354
Maximum quantity 60 L
Packaging Instruction (Passenger) 353
Maximum quantity 5 L

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture Commission Directive 2000/39/EC of 8 June 2000 established a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Regulation, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.

15.2 Chemical safety assessment No assessment has been carried out.

SECTION 16: OTHER INFORMATION

Text of risk phrases in Section 3 R11 - Highly flammable.
R36 - Irritating to eyes.

Text of Hazard Statements Flam. Liq. 2: H225 - Highly flammable liquid and vapour.



SAFETY DATA SHEET

In accordance with REACH Regulation EC No. 1907/2006
as amended by EC 453/2010

Product: **Versawipes**

Version: Version 3

Date: 23/03/2015

Supersedes: Version 2: dated 01/07/2014

Page: 11 of 11

**in
Section 3**

Eye Irrit. 2: H319 - Causes serious eye irritation.
STOT SE 3: H336 - May cause drowsiness or dizziness.

Glossary

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road
IATA International Air Transport Association
IMDG International Maritime Dangerous Goods
PBT Persistent, bio accumulative, toxic
RID Convention concerning International Carriage by Rail
vPvB very persistent, very bio accumulative
STOT Specific Target Organ Toxicity
WEL Workplace Exposure Limit.

General Information

No relevant information available

Further Information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy, reliability or completeness. 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 other process. It is the user's responsibility to satisfy him/herself as to the suitability of such information for his / her own particular use.
