

EC-Safety data sheet

WP/FWP/EFWP-12

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Commercial product name:		
Product No. :	WHITE	Date: First issue: JULY, 7, 2008
Supplier:	TICOM Tillmanns GmbH & Co. KG	Date of revision:

1	Identification of the substance/preparation and of the company/undertaking
1.1	Identification of the substance or preparation: Ingredient for marking pen
1.2	Company/undertaking identification: TICOM Tillmanns GmbH & Co. KG, Ibacher Straße 56, D-42855 Remscheid / GERMANY

2	Composition/information on ingredients																		
	Chemical characterization:																		
	<input type="radio"/> substance <input checked="" type="radio"/> preparation																		
	<table> <thead> <tr> <th>INCINAME</th> <th>Wt%</th> <th>CAS No.</th> </tr> </thead> <tbody> <tr> <td>Xylene</td> <td>31.0%</td> <td>1330-20-7</td> </tr> <tr> <td>Hydrocarbon resin</td> <td>25.0%</td> <td>68132-00-3</td> </tr> <tr> <td>Terpene resin</td> <td>2.0%</td> <td>35227-16-8</td> </tr> <tr> <td>Dispersion agents</td> <td>2.0%</td> <td>Not open</td> </tr> <tr> <td>Titanium oxide</td> <td>40.0%</td> <td>13463-67-7</td> </tr> </tbody> </table>	INCINAME	Wt%	CAS No.	Xylene	31.0%	1330-20-7	Hydrocarbon resin	25.0%	68132-00-3	Terpene resin	2.0%	35227-16-8	Dispersion agents	2.0%	Not open	Titanium oxide	40.0%	13463-67-7
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3	Hazards identification
	Extremely Flammable Liquid
	Classification
	Hazard symbols
	R phrases
	R-11, S-16, Xi:R-36, R-67
	R-43 May cause sensitisation by skin contact
	Xi Irritant
	43 May cause sensitisation by skin contact

4	First-aid measures
	INHALATION : Call a physician or seek medical advice after lay down under well ventilated area.
	EYES : Immediately flush with plenty of water and seek medical advice.
	SKIN : Wash off in flowing water with soap and seek medical advice.
	INGESTION : If you feel unwell, seek medical advice immediately and show container/label.

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5 Fire-fighting measures

Use extinguisher containing foam, carbon dioxide, powder and intercept the air ventilation.
Wear self-contained breathing apparatus and full protective equipment.

6 Accidental release measures

Keep away from food, drink and animal feeding stuffs.
Keep working environment in a well ventilated area.

7 Handling and storage

- 7.1 Handling: Use only in the well ventilated area.
Avoid contact with skin or eyes.
- 7.2 Storage: Keep container upright and tightly closed when in not use keep away from heat, steam pipe or sunlight.
Keep in a cool dry, well ventilated place.

8 Exposure controls and personal protection

- 8.1 Engineering measures:
Keep away from sources of ignition, do not empty liner bag over drums with ignitable gas mixtures.
- 8.2 Specific control parameters/limit values:
ACGIH (TLV) Xylene: 100PPM
OSHA (PEL) Xylene: 100PPM
- 8.3 Personal protective equipment:
Respiratory protection : Safety mask.
Hand : Gloves Eye : Goggles Others : Apron

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9 Physical and chemical properties

9.1 Appearance:	physical state: Flammable liquid
	colour: White
	odour: Aromatic odour
9.2 Safety parameters:	pH: N/A
	change in physical state: boiling point: 138°C melting point: N/A
	flash point: 23°C
	flammability: Highly flammable
	autoflammability: N/A
	ignition temperature: 200~564°C air
	explosion limits: lower: 1.0% upper: 8.4%
	vapour pressure: 10mmHg (28. 24°C)
	relative density: 0.88 (20°C)
	oxidizing properties: N/A
	solubility: in water: Insoluble in fat: Soluble
9.3 Other data:	

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10 Stability and reactivity

Vapors may catch fire and explode.

11 Toxicological information

LD50 > 4300mg/Kg (Rats) Xylene

LC50 > 6700mg/Kg (Rats) Xylene

12 Ecological information

TLm48 > 56ppm (Carp)

TLm3 > 32ppm (Water Flea)

13 Disposal considerations

Ask to a special waste exchange agents.

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14 Transport information

Other information (Chapter 14.)

The product is not defined under national/international road rail sea and air transport regulations as a hazardous material.

15 Regulatory information

15.1 Classification, packaging and labelling of dangerous substances and preparations according to EC-Directives:

Flammable liquid

Hazards identification:

Keep locked up and out of reach of the children.

Keep away from the heat or flame.

Follow all regulations in your country.

R-11 : Highly flammable.

Hazard symbols Xi: Irritant

R phrases 43: May cause sensitisation by skin contact.

S phrases 24: Avoid contact with skin.

37: Wear suitable gloves.

15.2 Further information:

National regulations: N/A

Marine pollution class: N/A

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16 Other information

- S-16 : Keep away from sources of ignition.
(No smoking)
- R-11 : Highly Flammable.
- R-36 : Irritating to eyes.
- R-43 : May cause sensitisation by skin contact.
- R-67 : Vapours may cause drowsiness and dizziness.

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