

Trade name: Plaka All-purpose paint Standard shades

Current version : 2.2.3, issued: 24.04.2017

Replaced version: 2.2.2, issued: 19.12.2016

Region: GB

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name

Plaka All-purpose paint Standard shades

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

Relevant identified uses of the substance or mixture

Painting and varnishing

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

Pelikan Vertriebsgesellschaft mbH & Co. KG

Postfach 11 07 55

30102 Hannover

GERMANY

Telephone no. +49 (0) 511 69 69 - 0

Information provided by / telephone

Chemical Laboratory

Tel.: +49 (0) 5171 - 299 - 0

Fax.: +49 (0) 5171 - 299 - 249

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

This product does not meet the classification criteria given in the Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms

-

Signal word

-

Hazard statements

-

Hazard statements (EU)

EUH208

Contains 4-chloro-3-methylphenol, 4-chloro-m-cresol, chlorocresol. May produce an allergic reaction.

Precautionary statements

-

Labelling information

The labelling (EU hazard statements) meets the criteria of annex II of Directive (EC) Nr. 1272/2008 (CLP).

2.3 Other hazards

No data available.

Trade name: Plaka All-purpose paint Standard shades

Current version : 2.2.3, issued: 24.04.2017

Replaced version: 2.2.2, issued: 19.12.2016

Region: GB

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

Aqueous mixture of pigments and resins with small addition of vegetable oils and ammonia solution.

Trade name: Plaka All-purpose paint Standard shades

Current version : 2.2.3, issued: 24.04.2017

Replaced version: 2.2.2, issued: 19.12.2016

Region: GB

Hazardous ingredients

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %
1	(2-METHOXYMETHYLETHOXY)PROPANOL		
	34590-94-8 252-104-2 - -	-	< 5.00 %b.w.
2	1-ethoxypropan-2-ol		
	1569-02-4 216-374-5 603-177-00-8 -	Flam. Liq. 3; H226 STOT SE 3; H336	< 2.50 %b.w.
3	4-chloro-3-methylphenol, 4-chloro-m-cresol, chlorocresol		
	59-50-7 200-431-6 604-014-00-3 -	Acute Tox. 4*; H302 Acute Tox. 4*; H312 Aquatic Acute 1; H400 Eye Dam. 1; H318 Skin Sens. 1; H317	< 2.50 %b.w.
4	phenol		
	108-95-2 203-632-7 604-001-00-2 -	Acute Tox. 3*; H301 Acute Tox. 3*; H311 Acute Tox. 3*; H331 Muta. 2; H341 Skin Corr. 1B; H314 STOT RE 2*; H373**	< 0.50 %b.w.
5	ammonia		
	1336-21-6 215-647-6 007-001-01-2 -	Aquatic Acute 1; H400 Skin Corr. 1B; H314	< 0.50 %b.w.
6	clorofene		
	120-32-1 204-385-8 - -	Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Eye Dam. 1; H318 Skin Irrit. 2; H315 Acute Tox. 4; H332 STOT RE 2; H373 Skin Sens. 1B; H317	< 0.10 %b.w.
7	Kaolin		
	1332-58-7 310-194-1 - -	-	>= 5.00 - < 10.00 %b.w.
8	Limestone		
	1317-65-3 215-279-6 - -	-	< 5.00 %b.w.
9	titanium-dioxide		
	13463-67-7 236-675-5 - 01-2119489379-17	-	< 5.00 %b.w.
10	barium sulfate, natural		
	7727-43-7 231-784-4 - 01-2119491274-35	-	< 5.00 %b.w.
11	Talc		
	14807-96-6 238-877-9 - -	-	< 5.00 %b.w.
12	barium sulfate, natural		

Trade name: Plaka All-purpose paint Standard shades

Current version : 2.2.3, issued: 24.04.2017

Replaced version: 2.2.2, issued: 19.12.2016

Region: GB

	7727-43-7 231-784-4 - -	-	< 2.50	%-b.w.
13	silicon dioxide, chemically prepared			
	7631-86-9 231-545-4 - -	-	< 2.50	%-b.w.
14	diiron trioxide			
	1309-37-1 215-168-2 - -	-	< 2.50	%-b.w.
15	CARBON BLACK			
	1333-86-4 215-609-9 - -	-	< 2.50	%-b.w.
16	propane-1,2-diol			
	57-55-6 200-338-0 - -	-	< 2.50	%-b.w.

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(*, **, ***, ****) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
4	-	Eye Irrit. 2; H319: C \geq 1% Skin Irrit. 2; H315: C \geq 1% Skin Corr. 1B; H314: C \geq 3%	-	-
5	B	STOT SE 3; H335: C \geq 5%	-	-
6	-	-	-	M = 10

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

3.3 Other information

Concentration data refers to the individual colors.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes and launder thoroughly before reusing.

After inhalation

Ensure supply of fresh air.

After skin contact

When in contact with the skin, clean with soap and water.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

After ingestion

Rinse mouth thoroughly with water. Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

Trade name: Plaka All-purpose paint Standard shades

Current version : 2.2.3, issued: 24.04.2017

Replaced version: 2.2.2, issued: 19.12.2016

Region: GB

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Unsuitable extinguishing media

No data available.

5.2 Special hazards arising from the substance or mixture

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide, carbon dioxide and smoke.

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

No special measures necessary.

General protective and hygiene measures

Keep away from foodstuffs and beverages.

Advice on protection against fire and explosion

No special measures necessary.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep dry in a cool, well-ventilated place. Keep from freezing.

Requirements for storage rooms and vessels

No special measures required.

Advice on storage assembly

Do not store together with: Oxidizing agents

7.3 Specific end use(s)

No data available.

Trade name: Plaka All-purpose paint Standard shades

Current version : 2.2.3, issued: 24.04.2017

Replaced version: 2.2.2, issued: 19.12.2016

Region: GB

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Occupational exposure limit values**

No	Substance name	CAS no.	EC no.
1	Kaolin	1332-58-7	310-194-1
	List of approved workplace exposure limits (WELs) / EH40		
	Kaolin		
	respirable dust		
	TWA	2	mg/m ³
2	Limestone	1317-65-3	215-279-6
	List of approved workplace exposure limits (WELs) / EH40		
	Calcium carbonate		
	total inhalable dust		
	TWA	10	mg/m ³
	List of approved workplace exposure limits (WELs) / EH40		
	Calcium carbonate		
	respirable dust		
	TWA	4	mg/m ³
3	titanium-dioxide	13463-67-7	236-675-5
	List of approved workplace exposure limits (WELs) / EH40		
	Titanium dioxide		
	total inhalable dust		
	TWA	10	mg/m ³
	List of approved workplace exposure limits (WELs) / EH40		
	Titanium dioxide		
	respirable dust		
	TWA	4	mg/m ³
4	barium sulfate, natural	7727-43-7	231-784-4
	List of approved workplace exposure limits (WELs) / EH40		
	Barium sulphate		
	respirable dust		
	TWA	4	mg/m ³
	List of approved workplace exposure limits (WELs) / EH40		
	Barium sulphate		
	total inhalable dust		
	TWA	10	mg/m ³
5	(2-METHOXYMETHYLETHOXY)PROPANOL	34590-94-8	252-104-2
	List of approved workplace exposure limits (WELs) / EH40		
	(2-Methoxymethylethoxy) propanol		
	TWA	308	mg/m ³
	Skin resorption / sensibilisation	Sk	50 ml/m ³
	2000/39/EC		
	(2-Methoxymethylethoxy)-propanol		
	TWA	308	mg/m ³
	Skin resorption / sensibilisation	Skin	50 ppm
6	Talc	14807-96-6	238-877-9
	List of approved workplace exposure limits (WELs) / EH40		
	Talc		
	respirable dust		
	TWA	1	mg/m ³
7	barium sulfate, natural	7727-43-7	231-784-4
	List of approved workplace exposure limits (WELs) / EH40		
	Barium sulphate		
	respirable dust		
	TWA	4	mg/m ³
	List of approved workplace exposure limits (WELs) / EH40		
	Barium sulphate		
	total inhalable dust		
	TWA	10	mg/m ³
8	silicon dioxide, chemically prepared	7631-86-9	231-545-4
	List of approved workplace exposure limits (WELs) / EH40		
	Silica, amorphous		

Trade name: Plaka All-purpose paint Standard shades

Current version : 2.2.3, issued: 24.04.2017

Replaced version: 2.2.2, issued: 19.12.2016

Region: GB

	inhalable dust			
	TWA	6	mg/m ³	
	List of approved workplace exposure limits (WELs) / EH40			
	Silica, amorphous			
	respirable dust			
	TWA	2.4	mg/m ³	
9	diiron trioxide	1309-37-1	215-168-2	
	List of approved workplace exposure limits (WELs) / EH40			
	Iron oxide			
	fume			
	Fe			
	STEL	10	mg/m ³	
	TWA	5	mg/m ³	
	List of approved workplace exposure limits (WELs) / EH40			
	Rouge			
	total inhalable dust			
	TWA	10	mg/m ³	
	List of approved workplace exposure limits (WELs) / EH40			
	Rouge			
	respirable dust			
	TWA	4	mg/m ³	
10	CARBON BLACK	1333-86-4	215-609-9	
	List of approved workplace exposure limits (WELs) / EH40			
	Carbon black			
	STEL	7	mg/m ³	
	TWA	3.5	mg/m ³	
11	propane-1,2-diol	57-55-6	200-338-0	
	List of approved workplace exposure limits (WELs) / EH40			
	Propane-1,2-diol			
	total vapour and particulates			
	TWA	474	mg/m ³	150 ml/m ³
	List of approved workplace exposure limits (WELs) / EH40			
	Propane-1,2-diol			
	particulate			
	STEL		10	ml/m ³
12	phenol	108-95-2	203-632-7	
	List of approved workplace exposure limits (WELs) / EH40			
	Phenol			
	STEL	4	ppm	16 mg/m ³
	TWA	2	ppm	7.8 mg/m ³
	Skin resorption / sensibilisation	Sk		
	List of approved workplace exposure limits (WELs) / EH40			
	Phenol			
	STEL	39	mg/m ³	
	TWA	20	mg/m ³	2 ml/m ³
	Skin resorption / sensibilisation	Sk		
	2000/39/EC			
	Phenol			
	STEL	16	mg/m ³	4 ppm
	TWA	8	mg/m ³	2 ppm
	Skin resorption / sensibilisation	Skin		

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

No special measures required.

Hand protection

No special measures required.

Trade name: Plaka All-purpose paint Standard shades

Current version : 2.2.3, issued: 24.04.2017

Replaced version: 2.2.2, issued: 19.12.2016

Region: GB

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Form/Colour			
liquid			
product specific			
Odour			
characteristic			
Odour threshold			
No data available			
pH value			
Value	8.0	-	10.0
Boiling point / boiling range			
Value	appr.	100	°C
Melting point / melting range			
No data available			
Decomposition point / decomposition range			
No data available			
Flash point			
Not applicable			
Ignition temperature			
Not applicable			
Auto-ignition temperature			
No data available			
Oxidising properties			
No data available			
Explosive properties			
No data available			
Flammability (solid, gas)			
No data available			
Lower flammability or explosive limits			
Not applicable			
Upper flammability or explosive limits			
Not applicable			
Vapour pressure			
Not applicable			
Vapour density			
No data available			
Evaporation rate			
No data available			
Relative density			
No data available			
Density			
Value	1.4	g/cm ³	
Reference temperature	20	°C	
Solubility in water			
Reference temperature	20	°C	
Remarks	partly soluble		

Trade name: Plaka All-purpose paint Standard shades

Current version : 2.2.3, issued: 24.04.2017

Replaced version: 2.2.2, issued: 19.12.2016

Region: GB

Solubility(ies)

No data available

Partition coefficient: n-octanol/water

No data available

Viscosity

No data available

9.2 Other information**Other information**

No data available.

SECTION 10: Stability and reactivity**10.1 Reactivity**

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

None, if handled according to order.

10.4 Conditions to avoid

Keep from freezing.

10.5 Incompatible materials

strong oxidizing agents

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute oral toxicity (result of the ATE calculation for the mixture)****No Product Name****1 Plaka All-purpose paint Standard shades**

Remarks

The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).

Acute oral toxicity**No Substance name****CAS no.****EC no.****1 1-ethoxypropan-2-ol****1569-02-4****216-374-5**

LD50

4900

mg/kg bodyweight

Species

rat

Source

Manufacturer

Acute dermal toxicity (result of the ATE calculation for the mixture)**No Product Name****1 Plaka All-purpose paint Standard shades**

Remarks

The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE dermal > 2000 mg/kg).

Acute dermal toxicity**No Substance name****CAS no.****EC no.****1 1-ethoxypropan-2-ol****1569-02-4****216-374-5**

LD50

9500

mg/kg bodyweight

Species

rabbit

Source

Manufacturer

Trade name: Plaka All-purpose paint Standard shades

Current version : 2.2.3, issued: 24.04.2017

Replaced version: 2.2.2, issued: 19.12.2016

Region: GB

Acute inhalational toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	Plaka All-purpose paint Standard shades
Remarks	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists).

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	1-ethoxypropan-2-ol	1569-02-4	216-374-5
LC50	>	14200	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Source	Manufacturer		

Skin corrosion/irritation	
No data available	

Serious eye damage/irritation	
No data available	

Respiratory or skin sensitisation	
No data available	

Germ cell mutagenicity	
No data available	

Reproduction toxicity	
No data available	

Carcinogenicity	
No data available	

STOT-single exposure	
No data available	

STOT-repeated exposure	
No data available	

Aspiration hazard	
No data available	

Trade name: Plaka All-purpose paint Standard shades

Current version : 2.2.3, issued: 24.04.2017

Replaced version: 2.2.2, issued: 19.12.2016

Region: GB

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)
No data available

Toxicity to fish (chronic)
No data available

Toxicity to Daphnia (acute)
No data available

Toxicity to Daphnia (chronic)
No data available

Toxicity to algae (acute)
No data available

Toxicity to algae (chronic)
No data available

Bacteria toxicity
No data available

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

12.7 Other information

Other information
Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Smaller quantities can be disposed with household garbage.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

Trade name: Plaka All-purpose paint Standard shades

Current version : 2.2.3, issued: 24.04.2017

Replaced version: 2.2.2, issued: 19.12.2016

Region: GB

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Directive 1999/13/EC on the limitation of emissions of volatile organic compounds due to the use of organic solvents (VOC Directive)

VOC content	0	%
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Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information**Further information**

Not suitable for children under 3 years.

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Trade name: Plaka All-purpose paint Standard shades

Current version : 2.2.3, issued: 24.04.2017

Replaced version: 2.2.2, issued: 19.12.2016

Region: GB

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

B	Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.
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Department issuing safety data sheet

UMCO GmbH

Georg-Wilhelm-Str. 187, D-21107 Hamburg

Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: umco@umco.de

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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