



# LABELLING OF PRODUCTS ACCORDING TO HAZARDOUS SUBSTANCES REGULATIONS

## The label according to CLP-Regulation (EC) 1272/2008 based on GHS

CLP = Classification, Labelling, Packaging

GHS = Globally Harmonized System (according to United Nations proposal)

1

## Hazard communication according to CLP

- GHS symbols:  
Red diamonds, white background  
Red diamond is blackened, if no symbol
- Signal word (Warning, Danger)
- Hazard statements (H phrases)
- Precautionary statements (P phrases):  
Prevention, Response, Storage, Disposal

2

## Product description Manufacturer address

3

## Product information

- GEBR-Logo:  
Disposal of empty cans using GEBR-system (only in Germany)
- Volume content
- EMG-no. = Number of recipe
- SAP-no. = Number of recipe and packout
- Batch-no. = Batch number for tracking of manufacturing details
- Prod. Date = Production date
- Exp. Date = Expiration date (if stored in originally sealed can)
- UN-no. = UN number according to transport regulations
- Barcode means batch-no. (example: 2NURKI0655)



### Coates Screen Inks

**1**

**Danger** Flammable liquid and vapor. Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects. Avoid breathing vapor. Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Immediately call a POISON CENTER or physician. Store in a well-ventilated place. Keep cool. Contains isocyanates. May produce an allergic reaction. Hazardous ingredients: 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane

**2**

**Peligro** Líquido y vapores inflamables. Provoca graves lesiones oculares graves. Provoca irritación cutánea. Puede provocar una reacción cutánea alérgica. Nocivo para los organismos acuáticos, con efectos nefastos a largo plazo. No respirar los vapores. Usar guantes de protección. Usar protección para los ojos o la cara. Mantener alejado del calor, superficies calientes, chispas, llamas al descuido y otras fuentes de ignición. No fumar. EN CASO DE CONTACTO CON LOS OJOS: Quitar las lentes de contacto, cuando estén presentes y pueda hacerse con facilidad. Proseguir con el lavado. Enjuagar con agua cuidadosamente durante varios minutos. Llamar inmediatamente a un CENTRO DE CONTROL DE ENVENENAMIENTO o a un médico. Almacenar en un lugar bien ventilado. Mantener fresco. Contiene isocianatos. Puede provocar una reacción alérgica. Ingredientes peligrosos: 4,4'-Isopropilidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane

### Coates Screen Inks

**3**

**1.0L**

**Z**

**Z 21/NT-NEU**

**Signalrot/Bright Red**

**2**

**COATES SCREEN INKS GMBH**  
Wiederholdplatz 1 · 90451 Nürnberg  
Tel. +49 911 64220 · Fax +49 911 6422200  
www.coates.de  
MADE IN GERMANY

**3**

**1.0L**

SAP no. 90871018  
EMG no. 1985582B  
Batch no. 2NURKI0655  
Prod. date 28-Sep-2016  
Exp. date 27-Sep-2021  
UN no. **UN1210**

Screen and Pad Printing Inks

Sieb- und Tampondruckfarben



# LABELLING OF PRODUCTS ACCORDING TO HAZARDOUS SUBSTANCES REGULATIONS


















## OUR SYMBOLS

	OCCURENCE	EXAMPLES	H-STATEMENTS	SIGNALWORD	H-STATEMENT (full text)
	UV curing printing inks	UVP UV/GL	Skin Sens. 1, H317	Warning	May cause an allergic skin reaction
	Printing inks with flash point > 60 °C	ZMN	Acute Tox. 4, H312	Warning	Harmful in contact with skin
	Products with 2-butoxy-ethylacetate	ZMN	Acute Tox. 4, H332	Warning	Harmful if inhaled
	Products with n-butylacetate	Additive A URS 3	STOT SE 3, H336	Warning	May cause drowsiness and dizziness
	All solvent-based printing inks and additives with flashpoint 60 °C and less (Old orange flame Symbol: < 21 °C)	TP 300, Z, TP 219	Flam. Liq. 3, H226	Warning	Flammable liquid and vapour
	Products, which contain especially environmentally hazardous substances	Additive A	Aquatic Chronic 2, H411	Warning	Toxic to aquatic life with long lasting effects
	There are less than 0,5 % of a substance contained which may cause sensitisation by inhalation	TP 219	Resp. Sens. 1, H334	Danger	May cause allergy or asthma symptoms or breathing difficulties if inhaled
	Products with butyl glycolate	Z/GL	Repr. 2, H361 fd	Danger	Suspected of damaging fertility. Suspected of damaging the unborn child.
	Products with butyl glycolate	Z/GL	Eye Dam. 1, H318	Danger	Causes serious eye damage
	Products with gamma-butyrolacton	UVN	Eye Dam. 1, H318	Danger	Causes serious eye damage
	Products with expoxide resin low-molecular	Z	Eye Dam. 1, H318	Danger	Causes serious eye damage

## Comparison of hazard information according to Dangerous Substances Directive and new symbols according to CLP-Regulations (EC)

**NOTE:** This table is for illustration purposes, it may not be used as translation of product labels. The classification criteria of both systems are different.

This overview is a basic information and does not replace legal advice. This is no substitute for relevant legislation; only text of CLP Regulation (EC) No.1272/2008 is legally binding.

OLD EC SYSTEM until 2015		CLP-REGULATION	
Hazard description	e.g. <b>Toxic</b> <b>Harmful</b>	Hazard description	<b>Warning</b> <b>Danger</b>
Risk phrase	Flammable	Hazard statement	Flammable liquid and vapour
Safety phrase	In case of insufficient ventilation, wear suitable respiratory equipment	Precautionary statement	In case of inadequate ventilation wear respiratory protection
No Symbol	Flammable liquid		All substances with flammable hazard have this pictogram according to CLP
	Extremely flammable ( <b>F+</b> ) or highly flammable ( <b>F</b> )		
	Corrosive ( <b>C</b> ) - causes (severe) burns		Chemicals burn on skin and/or are corrosive to metals (new hazard category)
	Risk of serious damage to eyes		Serious damage to eyes is now labelled with "corrosive" pictogram
	Irritant ( <b>Xi</b> ) Harmful ( <b>Xn</b> )		Irritation of skin or eyes sensitisation and other acute effects
	Harmful ( <b>Xn</b> ) - severe health damage at longterm exposition - sensitisation by inhalation		The pictogram "health hazard" is used for - severe health damage at longterm or repeated exposition - sensitisation by inhalation
	Cancerogenic, mutagenic, toxic for reproduction (Category 3)		Cancerogenic, mutagenic, toxic for reproduction (2)
	Toxic or very toxic to aquatic organism ( <b>N</b> )		Toxic to aquatic life with long lasting effects
<b>Does not apply to products of Coates Screen Inks GmbH:</b>			Chemicals of acute toxicity have "skull and bone" pictogram (Acute Toxicity 1, 2, 3)
	Toxic ( <b>T</b> ) Very Toxic ( <b>T+</b> )		Cancerogenic, mutagenic, toxic for reproduction (1A, 1B)
	Cancerogenic, mutagenic, toxic for reproduction (Cat. 1, Cat. 2)		



# LABELLING OF PRODUCTS ACCORDING TO HAZARDOUS SUBSTANCES REGULATIONS

## SAFETY DATA SHEET

The safety data sheet according to REACH regulation contains new hazard classification according to CLP regulation in section 2 (Hazards identification).

Page 1

**SunChemical**  
a member of the DIC group Color & Content

**SAFETY DATA SHEET**

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2015/830 - Germany

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

**1.1 Product identifier**  
 Product name : Z 21NT-NEU  
 Product code : 1985582B  
 Trade name : Z 21NT-NEU  
 Signature/Right Red  
 Date of issue/Date of revision : 3 May 2017  
 Version : 4.07

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

Identified uses	
Colorant; Printing ink related material; Printing ink.	
Uses advised against	Reason
Not applicable.	

**1.3 Details of the supplier of the safety data sheet**  
**Manufacturer/ Distributor** : SUN CHEMICAL  
 NORTON HILL  
 MIDSOMER NORTON  
 BATH  
 SOMERSET  
 BA3 4RT  
 UNITED KINGDOM  
 (44) 1989 894000  
 COATES SCREEN INKS GMBH  
 WIEDERHOLDPLATZ 1  
 D-90451 NÜRNBERG  
 GERMANY  
 (49) 911 6422 0  
 e-mail address of person responsible for this SDS : regulatory.affairs@sunchemical.com

**1.4 Emergency telephone number**  
**Supplier**  
 Telephone number : 0800-181-7059 (Chentrec - 24 hours)

Page 2

1985582B

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**  
 Product definition : Mixture  
 Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)  
 Flam. Liq. 3, H226  
 Skin Irrit. 2, H315  
 Eye Dam. 1, H318  
 Skin Sens. 1, H317  
 Aquatic Chronic 3, H412  
 See Section 16 for the full text of the H statements declared above.  
 See Section 11 for more detailed information on health effects and symptoms.

**2.2 Label elements**  
**Hazard pictograms** :

**Signal word** : Danger

**Hazard statements** : Flammable liquid and vapor. Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

**Precautionary statements**  
**Prevention** : Avoid breathing vapor. Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Response** : IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Immediately call a POISON CENTER or physician.

**Storage** : Store in a well-ventilated place. Keep cool.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Hazardous ingredients** : 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane

**Supplemental label elements** : Contains isocyanates. May produce an allergic reaction.

**2.3 Other hazards**  
 Other hazards which do not result in classification : None known.

**SECTION 3: Composition/information on ingredients**  
 Substance/mixture : Mixture

Product/ingredient name	Identifiers	%	Classification Regulation (EC) No. 1272/2008 [CLP]	Type

Date of issue : 3 May 2017 Page: 2/15

Sections of safety data sheets (according to REACH regulations):

- **SECTION 1:**  
Identification of the substance/mixture and of the company undertaking
- **SECTION 2:**  
Hazards identification
- **SECTION 3:**  
Composition/information on ingredients
- **SECTION 4:**  
First aid measures
- **SECTION 5:**  
Firefighting measures
- **SECTION 6:**  
Accidental release measures
- **SECTION 7:**  
Handling and storage
- **SECTION 8:**  
Exposure controls/personal protection
- **SECTION 9:**  
Physical and chemical properties
- **SECTION 10:**  
Stability and reactivity
- **SECTION 11:**  
Toxicological information
- **SECTION 12:**  
Ecological information
- **SECTION 13:**  
Disposal considerations
- **SECTION 14:**  
Transport information
- **SECTION 15:**  
Regulatory information
- **SECTION 16:**  
Other Information



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