

LABELLING OF PRODUCTS ACCORDING TO HAZARDOUS SUBSTANCES REGULATIONS

The label according to CLP Regulation (EG) 1272/2008 based on GHS

CLP = Classification, Labelling, Packaging

GHS = Global 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: 2NURJA02DE)



Coates Screen Inks

Coates Screen Inks



GEFAHR 2, H226 Skin Irrit. Flüssigkeit und Dampf entzündbar. Verursacht schwere Augenschäden. Verursacht Hautreizungen. Kann allergische Hautreaktionen verursachen. Schädlich für Wasserorganismen, mit langfristiger Wirkung.

DANGER 2, H318 Eye Dam. 1, H319 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.

DANGER 2, H317 Aquatic Chronic 2, H412 Skin Sens. 1, H317 Irritant. Causes allergic skin reaction. Harmful to aquatic life with long lasting effects.

PELIGRO 2, H226 Líquido y vapores inflamables. Provoca lesiones oculares graves. Provoca irritación cutánea. Puede provocar una reacción cutánea alérgica. Nocivo para los organismos acuáticos, con efectos nocivos duraderos.

1 **2** **3**

Z 21/NT-NEU
SIGNALROT / BRIGHT RED

2

INGREDIENTS
Bisphenol-A-Epichlorhydrin-epoxy resin (number average molecular weight: 1700) xylene
Contains isocyanates. May produce an allergic reaction.

INGREDIENTS
Bisphenol-A-Epichlorhydrin-epoxy resin (number average molecular weight: 1700) xylene
Contiene isocianatos. Puede provocar una reacción alérgica.



3

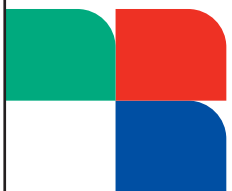
1.0 L

EMG-no. 1985582B
SAP-no. 90871018
Batch-no. 2NURJA02DE
Prod. date 26-Jan-2015
Exp. date 21-Jan-2020
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	SIGNAL WORD	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	Zusatzmittel 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 vapor
	Products, which contain especially environmentally hazardous substances	Zusatzmittel A	Aquatic Chronic 2, H411	Warning	Toxic to aquatic life with long lasting effects
	There are 0.5% of a substance contained which may cause sensitization 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, H361fd	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 epoxide resin, low-molecular	Z	Eye Dam. 1, H318	Danger	Causes serious eye damage

Comparison of well-known hazard information according to Dangerous Substances Directive and new symbols according to CLP-Regulation (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		NEW CLP REGULATION	
Hazard description	e.g. Toxic, Harmful	Hazard description	Warning Danger
Risk phrase	Flammable	Hazard statement	Flammable liquid and vapor
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 (F+) or highly flammable (F)		
	Corrosive (C) - 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 (Xi) Harmful (Xn)		Irritation of skin or eyes sensitization and other acute effects
	Harmful (Xn) - severe damage to health at long-term exposition		A new pictogram characterizes chronic damage to health like respiratory sensitization
	Toxic or very toxic to aquatic organisms (N)		Toxic or very toxic to aquatic organisms
Does not apply to products of Coates Screen Inks GmbH!			
	Toxic (T) Very toxic (T+)		Chemicals of acute toxicity have the known "skull and bone pictogram"
 	Some specific health hazards (cancerogenic, mutagenic, toxic for reproduction)		A new pictogram is used for these severe chronic effects also

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).

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

- **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

SunChemical
a member of the DIC group

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II - Germany

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

1.1 Product identifier
Product name : Z 21/NT-NEV
Product code : 1985582B
Trade name :

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, H225
Skin Irrit. 2, H315
Eye Dam. 1, H318
Skin Sens. 1, H317
Aqua. Chronic 3, H412
Ingredients of unknown toxicity : Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 8.5%
Ingredients of unknown ecotoxicity : Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 8.5%
Classification according to Directive 1999/45/EC (DPPD)
The product is classified as dangerous according to Directive 1999/45/EC and its amendments.
Classification : R10, R36/38, R43, R52/53
: Flammable.

Physical/chemical hazards : Irritating to eyes and skin. May cause sensitization by skin contact.
Human health hazards : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Environmental hazards : Harmful to aquatic life with long lasting effects.

See Section 16 for the full text of the R-phrases 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, sparks, open flames and hot surfaces. - 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 : Reaction product: bisphenol-A-(epichlorohydrin), epoxy resin (number average molecular weight ≤ 700), xylene

Date of issue : 9 February, 2015
Page: 2/14



GOERTTLER, Tilman
Environment, Health,
Safety

+49 911 64 22-253
+49 911 64 22-209
tilman.goerttler@sunchemical.com



Coates Screen Inks GmbH

Wiederholdplatz 1, D-90451 Nürnberg
Tel.: +49 911 64 22-0, Fax: +49 911 64 22-200
info@coates.de

www.coates.de