

# SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006 (REACH)

Trade Name:

Gerstaecker Print Fix Compound  
Art Nr 34013

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Date of Issue: 12/1/ 2015

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Identification on the label / trade name :

**Gerstaecker Print Fix Compound** Art 34013

Use: Modifier for oil-based printmaking inks

Producer / supplier information: Johannes Gerstäcker Verlag GmbH

Wecostraße 4, D-53783 Eitorf

Germany

Emergency Number 00 49 (0)551 19240

## 2. HAZARDS IDENTIFICATION

This product does not require labelling. Please observe the safety information of this safety data sheet. If used adequately, this product does not present any hazards for humans and the environment. The usual safety precautions for the handling of chemical substances have to be observed.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization: Preparation of resins with additives

Hazardous components (EC):

Component	CAS-No	% in weight	hazard symbol	R Phrases
Distillates (petroleum), hydrotreated middle; dearomatized	64742-46-7	15 - 35	Xn	65-66
Alkyl ethoxylate	not available	< 5%	Xi	38

(Full text of R Phrases under chapter 16)

## 4. FIRST AID MEASURES

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General information: Remove affected person out of the danger area. Change contaminated, saturated clothing. First aider: Pay attention to self-protection!

In case of inhalation: Provide fresh air. Consult a physician if problems persist.

In case of skin contact: Wash immediately with soap and plenty of water.

In case of eye contact: Flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart; consult an ophthalmologist.

In case of ingestion: Rinse mouth immediately and drink plenty of water. Do not induce vomiting, unless on express medical instruction. Consult physician.

Information to physician: Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

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Suitable extinguishing media : Water spray jet, alcohol resistant foam, carbon dioxide

Extinguishing media which must not be used for safety reasons: Full water jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: In case of fire may be liberated: combustion gases (e.g. carbon monoxide, carbon dioxide), soot and other organic compounds

Special protective equipment for fire fighters :

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information: Do not inhale combustion gases. Use water spray jet to protect personnel and to cool endangered containers.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions:

Wear personal protection equipment (Chapter 8). Keep unprotected persons away. Avoid breathing vapours, skin and eye contact. Provide adequate ventilation. Special danger of slipping by leaking / spilling product.

### Environmental precautions:

Cover drains. Do not allow to enter soil/subsoil or drains/surface water/ground water. Prevent spread over a wide area (e.g. by containment of oil barriers).

### Measures for cleaning up:

Take up mechanically (e.g. universal binding agent, dry sand, sawdust), put into appropriate, marked, tightly closing containers and dispose of duly. Clean contaminated areas thoroughly.

## 7. HANDLING AND STORAGE

Handling: Ensure sufficient aeration and suction in the room and at the working place. Keep away from incompatible substances (chap. 10). Do not breath fume and avoid contact with skin and eyes.

Storage: Keep the original container in a well-ventilated, dry and frost-protected place. Keep container tightly closed. Do not store together with incompatible substances (chap. 10). Do not store over 35°C.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure limit values: (TRGS 901 - 72, Germany)

Name	Substance Identity		Limit Value		Peak Limit	Notes
	CAS-No.		ml/m <sup>3</sup> (ppm)	mg/m <sup>3</sup>	Exceeding Factor	
Solvent hydrocarbons	64742-46-7			600		AGW, RCP Method

### Exposure controls:

Additional information on technical equipment design: See chapter 7. No additional measures necessary.

### Personal protection equipment:

Respiratory protection: Not necessary.

Hand protection: Wear protective gloves. Before using check leak tightness / impermeability. Preventive skin protection recommended\*. Suitable material with breakthrough time  $\geq$  8 hours: nitril caoutchouc - NBR (0.5 mm); (breakthrough time depends on thickness of material, temperature and body heat); leather and fabric are totally unsuitable.

Eye protection: Basket eye glasses, eye glasses with side protection (EN 166)

Protective clothing: Protective work wear; safety shoes.

Measures of hygiene: Avoid contact with skin, eyes and clothing. Do not inhale vapours. Do not eat, drink, smoke, sniff. Wash hands after work.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Physical state:</u>	paste-like	
<u>Colour:</u>	yellow-brown, transparent	
<u>Odour:</u>	characteristic	
- Initial boiling point:	(°C)	> 200
- Flash point:	(°C)	> 100
- Auto ignition temperature:	(°C)	not determined
- Vapour pressure:	(kPa) at 20°C	< 0.01
- Density:	(g/cm <sup>3</sup> ) at 20°C	approx. 0.9
- Viscosity kinematic:	(mm <sup>2</sup> /s) at 40°C	> 7
- Solubility in water:		not miscible

## 10. STABILITY AND REACTIVITY

<u>Conditions to avoid:</u>	Contact with incompatible substances (see next line). Protect from frost. Do not store over 35°C
<u>Materials to avoid:</u>	Strong oxidizing agents and acids.
<u>Hazardous decomposition products:</u>	No hazardous reactions if stored and handled as prescribed. No decomposition if used as prescribed.

## 11. TOXICOLOGICAL INFORMATION

This product is a preparation in terms of the Chemicals Law. Toxicological data are not available thereof. If handled appropriately and used according to its intended purpose, this product will not have harmful effects according to our experiences. After direct contact the product can cause in rare cases temporarily slight irritations of skin, eyes or the respiratory system. Ingestion can lead to irritation of the gastrointestinal tract and/or to aspiration into the lungs. The product is not sensitizing and not mutagenic.

## 12. ECOLOGICAL INFORMATION

The product does not enter environment if processed/applied as intended. Ecotoxicological data are not available for this product. The statements are derived from the properties of the single components. The product is not readily biodegradable. It contains no heavy metals or additives containing heavy metals as per formulation. On the basis of existing data about the elimination / degradation and bioaccumulation potential longer term damage to the environment is rather unlikely. Prevent from entering waters, sewage systems or soil.

## 13. DISPOSAL CONSIDERATIONS

Disposal in compliance with local, state and federal regulations. Allocation of the waste codes/waste designations according to the European Waste List (EWL) to be carried out by the waste producer under consideration of existing sector specifics and processes.

Product: To be disposed of in a suitable hazardous waste incinerator facility

Uncleaned packing material: Completely emptied packages can be disposed of or recycled.

## 14. TRANSPORT INFORMATION

This product is no dangerous good in the sense of the transport regulations.

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## 15. REGULATORY INFORMATION

Classification according to EC regulations: The product is not subject to labelling

Hazard symbol(s) :  
and hazard name(s): none

R-Phrases: none

S-Phrases: none

National regulations (Germany):  
Water hazard class (WGK): 1 (VwVwS dt 17 May 1999)

## 16. OTHER INFORMATION

Relevant R-phrases (Number and full text) under chapter 3:

R 38 Irritating to skin.

R 65 Harmful: may cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

The above specifications given in this safety data sheet are correct according to the best of our knowledge and experiences at the date of issue. They do not present any guarantee of characteristics of the described product in the sense of the legal guarantee regulations and therefore do not create any contractual legal position. Existing laws, regulations and provisions have to be observed by the recipient of our products at his own risk.