

**1. IDENTIFICATION OF PRODUCT AND COMPANY**

Product Code: 20026  
Product Name: KIWOPRINT D 148

Company: KISSEL + WOLF GmbH  
In den Ziegelwiesen 6  
D-69168 Wiesloch

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Recommended use:  
Adhesive  
for industrial use only

**2. HAZARDS IDENTIFICATION OF THE PREPARATION**

This preparation is classified as non-hazardous  
(according to 91/155/EEC).

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture of the below mentioned materials  
and non-hazardous substances

Hazardous components:

EINECS-No	Name	Hazard % content
CAS-No.	R-phrases	
n.a.		

For full text of the risk phrases see chapter 16.

**4. FIRST AID MEASURES**

After skin contact, clean thoroughly with soap and water. After eye contact, (remove contact lenses) keep eyelid open, rinse under running water for at least 10 minutes. If irritation continues, seek medical advice. After ingestion, do not induce vomiting - seek medical advice. If unconscious, do not administer anything orally. Place in stable side position and seek medical advice. If breathing is irregular or has stopped, apply artificial respiration.

**5. FIRE-FIGHTING MEASURES**

Block the danger zone, keep out unconcerned persons. If possible without risk, remove container from the burning area or cool with water (danger of bursting due to development of gas).

**Suitable extinguishing media:** Water mist, carbon dioxide, foam. Do not use a direct full water jet, this may cause intense steam or heavy splattering.

**Hazardous combustion products:** Combustion products may contain carbon monoxide or carbon dioxide.

**Environmental protection:** Embank or collect fire water.

**6. ACCIDENTAL RELEASE MEASURES**

Collect with liquid absorbing material and proceed according to local waste disposal regulations.

## 7. HANDLING AND STORAGE

Heed the usual precautionary measures of handling chemicals.  
Store container cool and dry.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Occupational exposure limit:

EINECS-No. Name

### Personal Protection

Wash hands and/or face before breaks and after work. Avoid contact with eyes and skin.

**Eye protection:** Safety glasses with a side-protection (EN 166)

**Hand protection:** Safety gloves resistant to chemicals (EN 374)

Recommendation for splashing contact: Safety index 2, permeation time > 30 mins., e.g. butyl caoutchouc (0,4 mm)

Recommendation for direct contact: Safety index 6, permeation time > 480 mins., e.g. nitrile caoutchouc (0,4 mm)

Note: Due to various factors of influence (e.g. temperature, duration of contact, mechanic strain), in practice, the time of use can be notably shorter than the permeation time determined by tests.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Colour: depending on coloration

Odour : typical

Flash point	:	n.a.	°C
Ignition temperature	:	n.a.	°C
Density	:	1.01	g/cm <sup>3</sup>
Viscosity	:	34.000	mPa.s
Boiling point	:	100	°C
pH	:	4.50	

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

Repeated or prolonged contact may gradually remove natural skin oil, resulting in skin irritation. Eye contact may cause local irritation.

### General information:

The preparation has been estimated by conventional method (EG directive 1999/45/EG) and is classified according to its toxicological properties (see chapters 2 and 15).

## 12. ECOLOGICAL INFORMATION

In case of conduction into adapted biological purification plants no disturbances need to be expected.

The preparation has been estimated by conventional method (calculating procedure) of EG directive 1999/45/EG) and is classified as non-hazardous for the environment.

**13. WASTE DISPOSAL INFORMATION**

According to European Waste Code Regulations, the waste code is to specify branch and process.

Recommendation : 080410

Empty container : scrap metal recycling or re-conditioning

Soiled container : (treatment like product itself)

**14. TRANSPORT INFORMATION**

**ADR/RID:** Class: not a dangerous good

Tremcard: n.a.

UN number: n.a.

Packaging group: n.a.

**IMDG:** Class: n.a.

Tremcard: n.a.

EMS: n.a.

UN number: n.a.

Marine pollutant: n.a.

Packaging group: n.a.

**15. REGULATORY INFORMATION**

**Labelling (according to 91/155/EEC):**

n.a.

**contains:**

n.a.

**R-phrases:**

n.a.

**S-phrases:**

n.a.

**Special labelling :**

n.a.

**16. OTHER INFORMATION**

Text of risk phrases mentioned in chapter 3:

n.a.

For further information please refer to our technical information sheet. Data in this MSDS correspond with our current level of knowledge, but do not represent any assurance of product properties. The user personally is responsible for compliance with all legal requirements.