



正 本

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LICENSED BY JAPANESE GOVERNMENT

平成 15 年 12 月 10 日

証明書番号 : 03-DC-01036

株式会社 昂殿

試料分析証明書

品名 : HOOCO NEOTEX ADHESIVE 4KG
採取場所 : 南港 辰巳 C-1
採取日 : 平成 15 年 12 月 10 日
分析日 : 平成 15 年 12 月 10 日
分析方法 : ガスクロマトグラフィー

上記試料について分析した結果は下記の通りであることを証明します。

財団 新日本検定協会
法人 中央研究所 阪神支所
所長 土橋 民樹



分析項目	単位	分析結果
トルエン	質量%	10.0
アセトン	質量%	33.9
ヘキサン	質量%	34.5

本証明書等の内容を他へ掲載する場合は本協会の承認を必要とする。

財団法人 新日本検定協会

Material Safety Data Sheet
According to 91/155 EC

Printing date 25.02.2000

Reviewed on 12.06.1995

1 Identification of substance:**- Product details:****- Trade name:** Hooco Neotex extra**- Article number:** R054190-00**- Manufacturer/Supplier:**Kömmerring, Chemische Fabrik GmbH & Co.
Zweibrückerstraße 200
Postfach 2165
D-66929 Pirmasens

Tel.: 06331/56-0

- Informing department:

Abteilung C-PU (Chemie - Produktion Umwelt) - Tel.: 06331/56-2553

- Emergency information: Tel.: 06331/56-2423**2 Composition/Data on components:****- Chemical characterization****- Description:** Adhesive.**Dangerous components:**

Void

3 Hazards identification**- Hazard designation:** F Highly flammable**- Information pertaining to particular dangers for man and environment**
R 11 Highly flammable.**4 First aid measures****- After inhalation**

Supply fresh air; consult doctor in case of complaints.

In case of unconsciousness bring patient into a stable side position for transport.

- After skin contact

Treat affected skin with cotton wool or cellulose. Then wash and rinse thoroughly with water and a mild cleaning agent.

- After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor.

- After swallowing

Do not induce vomiting; call for medical help immediately.

5 Fire fighting measures**- Suitable extinguishing agents**

Water spray

Alcohol-resistant foam

Fire-extinguishing powder

Carbon dioxide

- For safety reasons unsuitable extinguishing agents Water with full jet.
(Contd. on page 2)

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Trade name: Hocco Neotex extra

(Contd. of page 1)

- **Special hazards caused by the material, its products of combustion or resulting gases:**
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:**
Ensure adequate ventilation
Keep away from ignition sources
Use respiratory protective device against the effects of fumes/dust/aerosol.
- **Measures for environmental protection:**
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Pick up mechanically.

7 Handling and storage

- **Handling**
- **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Fumes can combine with air to form an explosive mixture.
- **Storage**
- **Requirements to be met by storerooms and receptacles:**
Prevent any seepage into the ground.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
- **Further information about storage conditions:**
Protect from frost.
Keep receptacle tightly sealed.
Protect from heat and direct sunlight.
Store receptacle in a well ventilated area.
Store in dry conditions.

*** 8 Exposure controls and personal protection**

- **Additional information about design of technical systems:**
No further data; see item 7.

Components with limit values that require monitoring at the workplace:

67-64-1 acetone
TLV: 2400 mg/m³, 1000 ml/m³
108-88-3 toluene
TLV: 375 mg/m³, 100 ml/m³
110-54-3 hexane
TLV: 360 mg/m³, 100 ml/m³

- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of the work.
- **Breathing equipment:**
Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:** Solvent resistant gloves

(Contd. on page 3)

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(Contd. of page 2)

- Eye protection: Safety glasses

9 Physical and chemical properties:

- Form: Fluid
- Colour: Amber coloured
- Odour: Solvent-like

	Value/Range	Unit	Method
- Change in condition			
- Boiling point/Boiling range:	56	° C	
- Flash point:	-17	° C	
- Ignition temperature:	250	° C	
- Explosion limits:			
- Lower:	0.6	Vol %	
- Upper:	13.0	Vol %	
- Vapour pressure:	at 20 ° C	240	mbar
- Specific gravity:	at 20 ° C	0.82	g/cm ³
- Solubility in / Miscibility with			
- Water:	Partly soluble		
- Viscosity:			
- dynamic:	at 20 ° C	950	mPas Brookfield
- Solvent content:			
- Organic solvents:	80.5	%	

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
- Dangerous reactions Reacts with oxidizing agents
- Dangerous products of decomposition: Hydrogen chloride (HCl)

11 Toxicological information

- Acute toxicity:
LD/Lc50 values that are relevant for classification:
108-88-3 toluene
Oral: LD50: 5000 mg/kg (rat)
Dermal: LD50: 12124 mg/kg (rab)
Inhalative: LC50/4 h: 5320 mg/l (mus)
- Primary irritant effect:
- on the skin: No irritant effect.

12 Ecological information:

- General notes:
Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations

- Product:
- Recommendation
Must be specially treated adhering to official regulations.

(Contd. on page 4)

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(Contd. of page 3)

- Uncleaned packagings:
- Recommendation:
Disposal must be made according to official regulations.

* **14 Transport information**

- Land transport ADR/RID (cross-border)
- ADR/RID class: 3 Flammable liquids
- Item: 5c
- Danger code (Kemler): 33
- UN-Number: 1133
- Designation of goods: 1133 Klebstoffe

- Maritime transport IMDG:
- IMDG Class: 3.2
- Page: 3174
- UN Number: 1133
- Packaging group: II (III)
- EMS Number: 3-05
- MFAG: 310
- Marine pollutant: -
- Proper shipping name: Adhesives, containing flammable liquid

- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: 3
- UN/ID Number: 1133
- Packaging group: II (III)
- Proper shipping name: Adhesives, containing flammable liquid

15 Regulations

- Markings according to EC guidelines:
- Code letter and hazard designation of product:



F Highly flammable

- Risk phrases: 11 Highly flammable.
- Safety phrases:
 - 9 Keep container in a well-ventilated place.
 - 16 Keep away from sources of ignition - No smoking.
 - 23 Do not breathe gas/fumes/vapour/spray.
 - 29 Do not empty into drains.
 - 33 Take precautionary measures against static discharges.
 - 51 Use only in well-ventilated areas.

* **16 Other information:**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

For industrial use only.

- Department issuing MSDS: Abteilung C-PU (Chemie - Produktion Umwelt)



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