



### Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**  
Occupational Safety and Health  
Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



<b>IDENTITY</b>	<b>ORACAL PVC-films</b>
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### Section I

Manufacturer's Name	Emergency Tel.: n.a.
ORAFOL-Klebetchnik GmbH	Tel. for information: 0049 3301 864 0
Am Biotop 2 D - 16515 Oranienburg	Date: 10.02.05
Germany	

### Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
none				



### Section III - Physical/Chemical Characteristics

Boiling Point	n.a.	Specific Gravity (H <sub>2</sub> O = 1)	n.a.
Vapor Pressure (mm Hg)	n.a.	Melting Point	n.a.
Vapor Density (AIR = 1)	n.a.	Evaporation Rate (Butyl Acetate = 1)	n.a.
Solubility in Water		n.a.	
Appearance and Odor		n.a.	

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Extinguishing Media		all types	
Special Fire Fighting Procedures		none	
Unusual Fire and Explosion Hazards		PVC-films develop gaseous HCl at flame temperatures	

(Reproduce locally)

OSHA 174, Sept. 1985

### Section V - Reactivity Data

Stability	Unstable	no	Conditions to Avoid
	Stable	X	
Incompatibility ( <i>Materials to Avoid</i> )			
Hazardous Decomposition or Byproducts			
Hazardous Polymerization	May Occur	no	Conditions to Avoid



	Will Not Occur	X	
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### Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
Health Hazards ( <i>Acute and Chronic</i> )		none	
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
		none	
Signs and Symptoms of Exposure		none	
Medical Conditions Generally Aggravated by Exposure temperatures		PVC-films develop gaseous HCl at flame temperatures	
Emergency and First Aid Procedures		not necessary	

### Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled	
n.a.	
Waste Disposal Method: landfill or incinerate in a commercial facility	Dispose in a sanitary
Precautions to Be taken in Handling and Storing	



	not necessary
Other Precautions	not necessary



### Section VIII - Control Measures

Respiratory Protection ( <i>Specify Type</i> )		<i>n.a.</i>
Ventilation	Local Exhaust	Special
	Mechanical ( <i>General</i> )	Other

Protective Gloves	<i>n.a.</i>	Eye Protection	<i>n.a.</i>
Other Protective Clothing or Equipment		<i>n.a.</i>	
Work/Hygienic Practices		not necessary	

\* U.S.G.P.O.: 1986 - 491 - 529/45775