



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



| | |
|-----------------|-------------------------|
| IDENTITY | ORACAL PVC-films |
|-----------------|-------------------------|

Section I

| | |
|--------------------------------------|---------------------------------------|
| Manufacturer's Name | Emergency Tel.: n.a. |
| ORAFOL-Klebeteknik 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 | % (<i>optional</i>) |
|--|-------------|--------------|-----------------------------|--------------------------|
| none | | | | |
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Section III - Physical/Chemical Characteristics

| | | | |
|----------------------------|------|--|------|
| Boiling Point | n.a. | Specific Gravity (H ₂ 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 temperatures | | PVC-films develop gaseous HCl at flame | |
| | | | |

(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 | |
|--|----------------|---|--|

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 <i>not necessary</i> | |

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