

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### PLEXIGLAS® Film Clear 99524

#### Recommended use(s):

coating of plastics

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Emergency Number

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Information provided by

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## 2. Composition/Information on Ingredients

Mixture of polymers on the basis of methyl methacrylate, n-butyl acrylate and styrene

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## 3. Hazards Identification

No particular hazards known.

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## 4. First Aid Measures

#### After contact with eyes

If mechanical irritation occurs flush eyes thoroughly with a large amount of water, consult a physician if irritation persists. (possible during machining processes)

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## 5. Fire-fighting Measures

#### Suitable extinguishing media

water spray, foam, dry chemical, carbon dioxide

#### Unsuitable extinguishing media for safety reasons

full water jet

#### Special protective equipment for fire fighting

Wear self-contained breathing apparatus.

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## 6. Accidental Release Measures

#### Methods of cleaning / adsorption

Take up mechanically. Dispose of in accordance with regulations.

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## 7. Handling and Storage

#### Handling

#### Instructions on safe handling

During thermal processing and/or machining extraction at processing machines is necessary.

#### Information on fire and explosion protection

No special measures required.

**Storage****Requirements for storage areas and containers**

Storage: dry.

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**8. Exposure Controls/Personal Protection****Components or products of decomposition according to point 10, with limit values related to the place of work which require monitoring****n-butyl acrylate** 141-32-2

Indicative occupational exposure limit value 2000/39/EC (15 minutes) 2000

53 mg/m<sup>3</sup>10 ml/m<sup>3</sup>**Personal protective equipment****Hygiene measures**

Follow the usual good standards of occupational hygiene.

**Respiratory protection**

not required on normal handling, dust mask may be required for machining operations

**Eye protection**

goggles for machining operations

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**9. Physical and Chemical Properties****Appearance**

Form :	film
Colour :	colourless
Odour :	odourless

**Data relevant to safety****Changes in physical state**

Softening Temperature	> 100 °C
Flash point	> 250 °C ( ASTM-D 1929-68 )
Ignition temperature	> 400 °C ( ASTM-D 1929-68 )
Spontaneous ignition	not determined
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Vapour pressure	not applicable
Density	1,16 g/cm <sup>3</sup> at 20 °C
Solubility in water	insoluble
pH-value	not applicable
Viscosity (dynamic)	not applicable
Further information	none

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**10. Stability and Reactivity****Thermal decomposition**

&gt; 250 °C

### Hazardous reactions

No hazardous reactions known.

### Hazardous decomposition products

In case of thermal decomposition combustible, the eyes and respiratory system irritating vapours are formed, consisting mainly of: methyl methacrylate, n-butyl acrylate, styrene

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## 11. Toxicological Information

### Further information on

Toxicological data are not available. There is no known health risk if used properly.

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## 12. Ecological Information

### Information on elimination (persistence and degradability)

### Ecotoxicological effect

### Further information on ecology

According to present knowledge, no unfavourable ecological effects are to be expected because of the consistency of the product.

Product is insoluble in water

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## 13. Disposal considerations

### Product

Waste is non-hazardous. It should be disposed of in accordance with the regulations after consultation of the competent local authorities and the disposal company in a suitable and licensed facility.

### Uncleaned packaging

Uncontaminated packaging may be taken for recycling.

### Code of waste EWC

07 02 13

waste from the manufacture, formulation, supply and use (MFSU) of plastics, synthetic rubber and man-made fibres - waste plastic

Always check the given waste codes according to the actual conditions of manufacturing, formulation or use in your facilities.

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## 14. Transport Information

### Further information

Not a dangerous good within the meaning of transportation regulations.

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## 15. Regulatory Information

### Labelling in accordance with directive 1999/45/EC

not applicable

### Additional Information on Classification

On the basis of the toxicological and ecotoxicological findings on analogue products we have available up to now, labelling according to EC-directive 1999/45/EC does not apply.

# E.C. Safety Data Sheet

Status: 18.01.2002

Version: 2.

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*Röhm Plexiglas*

**PLEXIGLAS® Film Clear 99524**

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## Status of Registration

EINECS/ELINCS : listed

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## 16. Other Information

### Miscellaneous information

none

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Places marked by || have been amended from the last version.

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