

# Security Data Sheet TRANSPLY

## Company name:

Eckart signplastics GmbH  
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Particular Risks: none

## 1. Identification

- |  |                          |
|--|--------------------------|
| 1.1 Commercial name:                                     | Transply                 |
| 1.2 Maker & Seller:                                      | Eckart signplastics GmbH |
| 1.3 Usage:<br>(see technical manual for further details) | Engraving                |
| 1.4 Other data:  | none                     |

## 2. Chemical Composition

- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| • Substance or preparation:           | Acrylonitrile butadiene styrene (ABS) |
| • Impurities (of a dangerous nature): | none                                  |
| • Other data:                         | none                                  |

## 3. Physical Properties

- |                         |                        |
|-------------------------|------------------------|
| 3.1 Physical condition: | solid                  |
| 3.2 Temperatures:       | Decomposition AT 280°C |
| 3.3 Solubility:         | not soluble in water   |
| 3.4 PH:                 | not applicable         |
| 3.5 Steam pressure:     | not applicable         |
| 3.6 Density:            | 1110 kg/m <sup>3</sup> |
| 3.7 Other data:         | none                   |

## 4. Storage and handling

4.1	Precautions whilst storing and handling:	do not remove Protection film for handling
4.2	Packaging material:	a) recommended: carton
	b) to avoid	none
4.3	Dangerous reaction with:	none
	Preventative measures:	none
4.4	Product with dangerous break-down	CO. CO2. Methyl Methacrylate
4.5	Individual safety measures:	none
4.6	Special protective measures:	none
4.7	In case of leakage or accidental spill	none
4.8	Others recommendations:	storage a part form light

## 5. Fire or explosion

5.1	Flash point:	360°C
5.2	Auto ignition temperature:	505°C
5.3	Fire risk or possible explosion: (pyrolysis breakdown products)	none
5.4	Fire fighting:	- allowed: Water Fog, Foam, CO2, Dry Chemical
		- forbidden: none
5.5	Special protective measures for fire fighting:	breathing apparatus
5.6	Other recommendations	none

## 6. Toxicological Hazard Data

- Eyes: none
- Skin: none
- Oral: low in Toxicity, Induce vomiting if large amounts are interested
- Respiratory: none

## **7. First aid**

- Eyes: If dusts irrigation of the eye is good safety practice
- Skin: none
- Oral: move subject to fresh air
- Respiratory: not effect

## **8. Protection of the environment**

- burn in an adequate incinerator
- recycling product

## **9. Additional information**

- avoid breathing dusts if generated