

# Checklist for test order no. \_\_\_\_\_

A rapid solution of your processing problems is desired by you as well as by us. We therefore ask you to reply to these questions as exactly as possible. This will help us to avoid unnecessary handling costs and time-consuming inquiries. We shall of course treat your answers as strictly confidential.

## Project handled by

Company \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Street \_\_\_\_\_  
 City \_\_\_\_\_  
 Country \_\_\_\_\_  
 Division \_\_\_\_\_  
 Name \_\_\_\_\_  
 Phone No. \_\_\_\_\_  
 Date  \_\_\_\_\_

## Sender of the test product

Company \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Street \_\_\_\_\_  
 City \_\_\_\_\_  
 Country \_\_\_\_\_  
 Division \_\_\_\_\_  
 Name \_\_\_\_\_  
 Phone No. \_\_\_\_\_

## To whom should the material be returned after the tests

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Stamp and signature  
 The indications of this checklist have been noted.

### 1. Information about the product

If dangerous material is involved, hazard indications according to page 3 are absolutely essential. If possible also include a safety data sheet.

1.1 **Trade name** \_\_\_\_\_  
 1.2 **Scientific designation** \_\_\_\_\_  
 1.3 **Chemical formula** \_\_\_\_\_

1.4 **Law concerning chemicals**  
 Is the test product subject to § 3 of the law concerning chemicals or to compulsory registration according to § 4?  yes  no

1.5 **Law concerning anesthetics**  
 Is the product subject to approval according to the F.R.G. or to the respective national laws?  yes  no

1.6 **Law concerning radiation protection**  
 Is the product subject to approval according to the law concerning radiation protection (Strl.SchV) § 3?  yes  no

1.7 **Custom's declaration** KN-No.  HS-No.

### 2.1 Declaration of dangerous products

UN-No. \_\_\_\_\_  
 EG-No. \_\_\_\_\_ CAS-No. \_\_\_\_\_

### 2.2 Indications for transport and packing of dangerous products

Transport means	Law on dangerous products	Danger class		
Train	RID/SMGS		No.:	
Road	ADR		No.:	
Sea	IMDG-Code		UN-No.:	Fire point: EMS/MF AG No.:
Air	IATA-DGR		UN-No.:	Fire point: Package note:



5. **Indications concerning dangerous products**

We ask you for your understanding that we must decline any responsibility for damage caused by dangerous products despatched to us because of missing indications, defective packing, inexact marking as well as insufficient description in the checklist. Please also refer to the German "law on unhealthy or inflammable products"; the law "on explosive products" as well as to the "prescription concerning the products to be processed (ArbStoffV) – edition of August 9, 1975 – with relevant TRgA". We shall of course treat your indication as strictly confidential.

5.1 **Safety rules** – according to GefStoffV, appendix I:

as per (ArbStoffV) appendix I No. 1.3 (R-Sätze) \_\_\_\_\_

as per (ArbStoffV) appendix I No. 1.4 (S-Sätze) \_\_\_\_\_

5.2 **MAK value** = \_\_\_\_\_ mg/m<sup>3</sup> **Technical standard concentration** = \_\_\_\_\_ mg/m<sup>3</sup>  
\_\_\_\_\_ p.p.m. \_\_\_\_\_ p.p.m.

5.3 **Does the product belong to the carcinogenic products** as per paragraph III of the list of MAK values?

yes  no

5.4 **Description of the hazards which can be caused by dangerous products**, according to the nature and intensity; extract from the standard book written by Hommel, expressed in danger categories. (The indications are valid only for the cases of accidents and fires).

**Danger to health**

- Category 4  Extremely dangerous!  
Avoid any contact without special protective measures. (specify kind of the protection)
- Category 3  Very dangerous!  
Complete protective clothing and breathing apparatuses. (specify type of the apparatus and filter insert)
- Category 2  Dangerous!  
Simple protective clothing and breathing apparatus. (specify type of breathing apparatus and filter insert)
- Category 1  Little danger!  
The use of breathing apparatus is recommended. (specify type of breathing apparatus and filter insert)
- Category 0  No special danger.

**Danger of fire**

- Category 4  Very easily inflammable at all temperatures
- Category 3  Ignition hazard at all normal temperatures
- Category 2  Ignition hazard when warmed to \_\_\_\_\_ °C
- Category 1  Ignition hazard only when heated to \_\_\_\_\_ °C
- Category 0  No ignition hazard under normal circumstances.

**Reactions hazard**

- Category 4  Great explosion hazard!
- Category 3  Explosion hazard when heated to \_\_\_\_\_ °C or in the case of a heavy shock caused by a blow or similar
- Category 2  Heavy chemical reaction possible
- Category 1  Becomes unstable when heated to \_\_\_\_\_ °C
- Category 0  No danger under normal circumstances.

5.5 **Information on explodable powders**

Classification into classes and grades according to the directions of the Operation Group "Combustible Powders", VDI Direction No. 2263

Dust explosion class St1  St2  St3

K<sub>st</sub>-value [bar · m · s<sup>-1</sup>] \_\_\_\_\_

Minimum ignition energy [mJ] \_\_\_\_\_

Critical oxygen concentration [% O<sub>2</sub>] \_\_\_\_\_

Characteristic explosion value:

Maximum explosion pressure ρ<sub>max</sub> [bar] \_\_\_\_\_

Maximum rate of pressure rise  $\left(\frac{d_p}{d_t}\right)_{max}$  [bar · s<sup>-1</sup>] \_\_\_\_\_

Type and size of the testing equipment \_\_\_\_\_

## Instructions for the despatch of test products

When despatching test products, please pay attention to the following points:

1. Rail transportation and express part load  
**Augsburg – main station**
2. Express despatch  
**Augsburg – main station**
3. Lorry despatch  
**Augsburg, Peter-Dörfler-Straße 13–25, Germany**
4. Mail:  
**P.O. Box 10 11 51, D-86001 Augsburg/Germany**

As far as deliveries from abroad are concerned, please indicate the customs tariff of the test product corresponding to the Brussels nomenclature.

**HOSOKAWA**  
**ALPINE Aktiengesellschaft & Co. OHG**

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