

**Customer questionnaire for machines in
explosion hazardous areas**



Order No. : _____ Country of Installation: _____
Offer No. : _____ Location : _____
Customer : _____ Representative : _____
Address : _____ Contact: : _____
_____ Project Layout : _____
Key Word : _____ Product : _____
Date : _____

1. When mixed with air does the product pose an explosion danger? yes no
(As a rule, a dust explosion must be expected when the particle size is smaller than 500 µm!)

2. Is the product conductive? yes no
(Conductive dust with a specific electrical conductivity of less than or equal to 10³ m Ω;
DIN EN 50281-1-1)

3. Is the formation of hybrid mixtures possible? yes no
(Hybrid mixture: Mixture of inflammable dust with inflammable gas and / or vapors in air)

4. When no product data are available, a product analysis must be conducted!
(Necessary for operating the machine according to codes and regulations;
For assistance, see BIA Report: www.hvbg.de ISBN No.: 3-88383-469-6)

Important data:

5. Minimum inflammability energy mJ

6. Inflammability temperature °C
(Minimum inflammability temperature of a dust cloud) °F

7. Glow temperature °C
(Minimum inflammability temperature of a 5 mm thick dust layer) °F

8. Other data (if known)

Remarks: _____

Date / Customer's Signature