



April 20, 2010

**DECLARATION****KLEIBERIT 788.3 Hot Melt Adhesive****VOLATILE ORGANIC COMPOUNDS - VOC**

No solvents

**GASEOUS CONTAMINANT LIMITS \*****KLEIBERIT - product**

|                                                              | Level 1<br>Areas | Level 2<br>Areas | <b>788.3</b> |
|--------------------------------------------------------------|------------------|------------------|--------------|
| Sulfur Dioxide (SO <sub>2</sub> ) [µg / m <sup>3</sup> ] Max | 2.7              | 10.0             | not included |
| Nitrogen Oxide (NO <sub>x</sub> ) [µg / m <sup>3</sup> ] Max | 5.0              | 10.0             | not included |
| Ozone (O <sub>3</sub> ) [µg / m <sup>3</sup> ] Max           | 4.0              | 20.0             | not included |
| Formaldehyde [µg / m <sup>3</sup> ] Max                      | 5.0              | 5.0              | not included |
| Acetic Acid [µg / m <sup>3</sup> ] Max                       | 10.0             | 10.0             | not included |
| * Average weighted concentration over an 8-hour period       |                  |                  |              |

**PRODUCT RESTRICTIONS**

- 1 Building materials shall not emit gases or substances harmful to the materials stored (paper, plastic, film, file, etc.), such as acidic gases, when said materials decompose.
- 2 The following materials are not permitted in any area requiring Level 1 or 2 environmental conditions:

| <b>KLEIBERIT - product 788.3</b> |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| 1                                | Cellulose nitrate lacquers and adhesives; n.a.                                   |
| 2                                | Polyurethane products, including paints, varnishes and foams; n.a.               |
| 3                                | Acid-curing silicone sealants and adhesives; n.a.                                |
| 4                                | Sulfur containing materials that could release SO <sub>2</sub> ; n.a.            |
| 5                                | Pressure sensitive adhesives that release VOCs; n.a.                             |
| 6                                | Unstable chlorine polymers (PVCs, etc.); n.a.                                    |
| 7                                | Formaldehyde emitting compounds, such as might be found in particle boards; n.a. |
| 8                                | Vinyl; and Oil-based paints and varnishes. n.a.                                  |

n.a. = not applicable

**Dr. W. Stüber****Manager Dangerous Goods**