

# REACH

## use descriptions for substances used in abrasive industry

The following use descriptions are based on the „Standard Descriptor System“ developed as part of the REACH ECHA “Guidance on information requirements and chemical safety assessment – Chapter R.12.

They can be used to communicate the uses of substances and preparations within the REACH supply chain.

Select the appropriate elements from below for each category to build a use description in the form of:

*“Product used in [E] for [A] as [B] in the sector of [C] (article category: [D])”.*

### A) process category-PROC:

- PROC 5: *mixing or blending in batch processes for formulation of preparations and articles*
- PROC 14: *production of preparations or article by tableting, compression, extrusion or pelettisation*
- PROC 20: *heat and pressure transfer in closed systems*
- PROC 24: *high (mechanical) energy work-up of substances bound in materials and/or articles*
- PROC 22: *potentially closed processing operations at elevated temperature*
- PROC 13: *treatment of articles by dipping and pouring*
- PROC 10: *roller application or brushing*
- PROC 7: *spraying in industrial settings*
- PROC 15: *use as laboratory reagent*

### B) product category-PC:

- PC 1: *adhesive or sealant*
- PC xyz: *binding agent*
- PC 9: *coating (paint, lacquer, varnish, other)*
- PC xyz: *colouring agent*
- PC xyz: *filling agent*
- PC 14: *metal surface treatment product (including galvanic and electroplating products)*
- PC xyz: *hardening agent*
- PC 18: *ink or toner*
- PC 24: *lubricant, grease or release product*
- PC 32: *polymer preparation*
- PC xyz: *process regulator (accelerator, activator, retarder, inhibitor, catalyst, other)*
- PC xyz: *raw material for production of glass or ceramics*
- PC 36: *softener*
- PC xyz: *solvent*
- PC xyz: *stabilizer*
- PC xyz: *surface-active agent (dispersion agent, anti-foaming agent, moisturizer, other)*
- PC xyz: *viscosity adjustor (thickening agent, gelatinizing agents, other)*
- PC 35: *washing or cleaning product (including solvent based products)*

### C) sector (of use) category-SU:

- SU 13: *manufacture of other non-metallic mineral products*  
for a more precise description of the sector “*production of abrasive products*” can be selected (sub-element of the element “*m. of other non-metallic mineral products*”)

**D) article category-AC:**

- AC 0: other articles (abrasive products)

**E) environmental release category-ERC:**

- ERC 2: formulation of preparations  
- ERC 3: formulation in materials (in articles)

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**FEPA identified use descriptions examples**

(the use description to be communicated is *in italics!*)

1. Use of adhesives for joining of paper and reinforcement fabric to form backing of coated abrasives.

→*Product used in formulation in materials, for roller application or brushing (alternatively: for spraying in industrial settings) as adhesive or sealant in the sector of manufacture of other non-metallic mineral products (article category: abrasive products).*

*(SUI3-PC1-PROC10/7-AC0-ERC3)*

2. Use of ink for printing on abrasive products.

→*Product used in formulation in materials, for roller application or brushing as ink or toner in the sector of manufacture of other non-metallic mineral products (article category: abrasive products).*

*(SUI3-PC18-PROC10-AC0-ERC3)*

3. Use of chemicals for laboratory analyses.

→*Product used in formulation of preparations, for use as laboratory reagent (product category “as laboratory chemical” would be redundant and is therefore omitted) in the sector of manufacture of other non-metallic mineral products (article category: abrasive products).*

*(SUI3-PCxyz-PROC15-AC0-ERC2)*

4. Use of oils for lubrication of motors or engines.

→*Product used in formulation in materials, for heat and pressure transfer in closed systems as lubricant, grease or release product in the sector of manufacture of other non-metallic mineral products (article category: abrasive products).*

*(SUI3-PC24-PROC20-AC0-ERC3)*

5. Application of stearates to sandpaper.

→*Product used in formulation of preparations, for treatment of articles by dipping and pouring as lubricant, grease or release product in the sector of manufacture of other non-metallic mineral products (article category: abrasive products).*

*(SUI3-PC24-PROC13-AC0-ERC2)*

6. Use of solvents to clean machines and tools.

→Product used in formulation in materials, for roller application or brushing (alternatively: for treatment of articles by dipping and pouring) as washing and cleaning products (including solvent based products) in the sector of manufacture of other non-metallic mineral products (article category: abrasive products).

(SUI3-PC35-PROC10/13-AC0-ERC3)

7. Grinding of mineral grain.

→Product used in formulation in materials, for high (mechanical) energy work-up of substances bound in materials and/or articles as raw material for production of glass or ceramics in the sector of manufacture of other non-metallic mineral products (article category: abrasive products).

(SUI3-PCxyz-PROC24-AC0-ERC3)

8. Mixing grains / pigments / etc. with other components of abrasives.

→Product used in formulation of preparations (alternatively: for formulation in materials), for mixing or blending in batch processes for formulation of preparations and articles as [appropriate element for product category] in the sector of manufacture of other non-metallic mineral products (article category: abrasive products).

(SUI3-PCxyz-PROC5-AC0-ERC2/3)

9. Compression of green bodies.

→Product used in formulation in materials, for production of preparations or articles by tableting, compression, extrusion or pelettisation, as [appropriate element for product category] in the sector of manufacture of other non-metallic mineral products (article category: abrasive products).

(SUI3-PCxyz-PROC14-AC0-ERC3)

10. Firing of green bodies.

→Product used in formulation in materials, for potentially closed processing operations at elevated temperature as [appropriate element for product category] in the sector of manufacture of other non-metallic mineral products (article category: abrasive products).

(SUI3-PCxyz-PROC22-AC0-ERC3)

11. Coating of backing with grains.

→Product used in formulation in materials, for treatment of articles by dipping and pouring as raw material for production of glass or ceramics in the sector of manufacture of other non-metallic mineral products (article category: abrasive products).

(SUI3-PCxyz-PROC13-AC0-ERC3)

12. Galvanisation and Electroplating

→Product used in formulation in materials, for treatment of articles by dipping and pouring as metal surface treatment product (including galvanic and electroplating products) the sector of manufacture of other non-metallic mineral products (article category: abrasive products).

(SUI3-PC14-PROC13-AC0-ERC3)