

# COVERWORLD GRANITE HDX COSHH STATEMENT

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**Specification:**

Hot dipped galvanised steel or Aluzinc, coated with primer, backing coat and a Polyester Resin top coat

**Composition:**

- Metal Plating: Zinc or Zinc & Aluminium (Aluzinc)
- Primer: Polyester - Isocyanates
- Top Coat: Polyester - Isocyanates which contains PolyAmide beads
- Backing Coat: Polyester Melamine or Polyester Epoxy

**Hazards**

Granite HDX compositions under normal conditions of storage and handling (shearing, bending, pressing) are not toxic or harmful. When handling the product there is a risk of laceration of the skin. While grinding into the primer coat, a dust will be formed which could be harmful by inhalation, therefore appropriate respiratory equipment should be used. When subjected to elevated temperatures, e.g. during welding, flame cutting or in the case of fire fumes can occur. The principle mode of entry in the body of these fumes is by inhalation, and this should be prevented. The fumes will contain; Oxides of Iron, Zinc, Aluminium (if Aluzinc substrate) and Oxides of Iron and Zinc (if galvanised substrate), For full list refer to the table below

**Precautionary and Protective Measures**

In the event of fire, appropriate respiratory protective equipment should be used by fire fighters. Protective clothing and gloves should be worn to prevent laceration of the skin. Consideration should be given to wearing eye protection, e.g. goggles, in certain circumstances.

**First Aid;**

- Eye contact: Bathe copiously with clean fresh water for at least ten minutes, holding eyelids apart.
- Skin contact: Wash skin thoroughly with soap and water or use a proprietary skin cleaner.

To ensure the Occupational Exposure Limits (OEL's), set out on the table below are not exceeded when fume or dust is generated, provide adequate ventilation. If necessary use local fume extraction or supply appropriate respiratory protective equipment to those exposed to the fumes.

Occupational Exposure Limits	8 hour time waited average	Form
Dust	10.0 mg/m <sup>3</sup> 4.0 mg/m <sup>3</sup>	Inhalable Respirable
Manganese (CAS 7439-96-5) and its inorganic compounds	0.5 mg/m <sup>3</sup>	As Mn
Aluminium Metal (CAS 7429-90-5)	10.0 mg/m <sup>3</sup> 4.0 mg/m <sup>3</sup>	Inhalable As AL Respirable As AL
Silicone (CAS 7440-21-3)	10.0 mg/m <sup>3</sup> 4.0 mg/m <sup>3</sup>	Inhalable Respirable

Refer to the current edition of the HSE Guidance EH40 (Occupational Exposure Limits) for up to date information. **You are requested to take such steps as are necessary to ensure that the relevant information is made available to all those persons involved with the use of these products.**