

COSHH Risk Assessment No: 044

Product Name: Vazor DE Powder



Registration number – CAS 61790-53-2

Appearance – White powder

Describe the activity or work process.
(Inc. how long/ how often this is carried out and quantity substance used)

Powder applied to areas of insect activity. The Active Ingredient Amorphous silica which physically disrupts the insects' cuticle causing desiccation. Use against ants, silverfish, woodlice, cockroaches, fleas, ticks, earwigs, carpet beetles, spiders, lice, mites, bedbugs, stored product species including saw-toothed grain beetle, rust-red grain beetle, grain weevil, lesser grain beetle, rust-red flour beetle, moth larvae, flour mite, cosmopolitan food mite, and against the poultry red mite.

Location of process being carried out?

Domestic and commercial premises as per label requirements

Identify the persons at risk:

Employees ☒

Sub-contractors ☐

Public ☒

Name the substance involved including active ingredient, in the process and its manufacturer.

Amorphous silica 100%

Classification (state the category of danger)

	☐ Very Toxic		☐ Irritant - dermatitis causing		☐ Extremely Flammable
	☐ Toxic		☐ Sensitising		☐ Highly Flammable
	☐ Corrosive		☐ Biological		☐ Flammable
	☐ Harmful – eye irritation		☐ Oxidising		☐ Environmental

Hazard Type

☐	☐	☐	☐	☒	☐	☒	☐
Gas	Vapour	Mist	Fume	Dust	Liquid	Solid	Other (State)

Route of Exposure

☒	☒	☒	☒	☐
Inhalation	Skin	Eyes	Ingestion	Other (State)

Workplace Exposure Limits (WELs) please indicate n/a where not applicable

n/a Short-term exposure level (15 mins):

State the Risks to Health from Identified Hazards

EC Classification: Not classified

Control Measures:

Always read label / MSDS before use and comply with details.
To be used by trained operative (professional) only
Keep in labelled container.
Remain in control of substance at all times. Storage to be restricted to certified store, out of storage use to be confined to regulated vehicle.
Avoiding dispensing in a way which creates airborne dust
Records to be kept on usage and location in pest control master file.

Operator to wear suitable PPE when handling and applying as detailed below.
 Records of PPE maintenance to be held centrally.
 Waste product to be retained and disposed of by Pest Control operator as per EA guidelines

Safety Phrases:

S1 Keep locked up. S2 Keep out of the reach of children
 S7 Keep container tightly closed
 S13 Keep away from food, drink and animal feeding stuffs
 S14 Keep away from impurities, decomposition catalysts, alkalis, reducing agents, flammable substrates
 S20/21 When using do not eat, drink or smoke
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection
 S44/S45 If you feel unwell, seek medical advice (show the label where possible)
 S49/S35 Keep in original container and dispose of in a safe way
 S57 Use appropriate container to avoid environmental contamination
 S60 This material must be disposed of as hazardous waste unless empty, clean containers which can be disposed of as non-hazardous waste
 S61 Avoid release to the environment. Refer to special instructions / safety data sheets
 S62 If swallowed; seek medical advice immediately and show the label or container
 Wash hands before breaks and at end of the works
 If swallowed contact Doctor immediately

Is health surveillance or monitoring required?

Yes ☐ No ☒

Personal Protective Equipment (state type and standard)

 ☒	During application P3 filtered mask EN139	 ☐	
Dust mask		Visor	
 ☐		 ☐	
Respirator		Goggles	
 ☒	Multi purpose gloves to EN374	 ☒	Disposable suit if risk of contamination
Gloves		Overalls	
 ☒	Steel toe cap boots to be worn as per company dress code.	 ☐	
Footwear		Other	

First Aid Measures

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Skin: wash area with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs get medical attention

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Do not rub, product is mechanically abrasive. If irritation persists, seek medical advice.

Ingestion: Rinse mouth thoroughly with water, Give plenty of water. Do NOT induce vomiting.

Storage / Spillage

Storage: Keep in original labelled container in designated, controlled pesticide store, out of reach of children and protected from elements. Keep container tightly closed in a dry cool and well-ventilated place. Avoid temperatures above 50°C

Spillage – Clean spillages immediately. Avoid entry to watercourses. With low level spillage dilute with water and rinse away

Disposal of Substances & Contaminated Containers

Hazardous Waste ☒ Skip ☐ Return to Depot ☐ Return to Supplier ☒ Other ☐

Is exposure adequately controlled?

Yes ☒ No ☐

Risk Rating Following Control Measures

High ☐ Medium ☐ Low ☒

Assessed by: Paul Mallett

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