


**School of Engineering
COSHH assessment form**

This form must be completed **before** any work with substances hazardous to health is begun, so that a suitable and sufficient assessment of the health risks is made.

Procedure being carried out	Moving nylon powder for PTV testing		
Location where the substance will be used	185 Labs 1, 3		
What supervision or training will the person carrying out the procedure receive?	Training by academic supervisors	Review date ¹	
	Name	Signature	Date
Person performing the work	Natalie Ko-Ferrigno		21/02/2024
Supervisor/grant holder	John Lawson		
Divisional Safety Officer or other designated person			

¹ This assessment should be reviewed immediately if there is any reason to consider that the original assessment is no longer valid, e.g. due to significant changes in the work activity.

Attachments

The following documents must be attached:

- Risk assessment identifying the need for the COSHH assessment and clearly indicating the persons potentially at risk (e.g. staff, students, visitors etc.)
- Full description of the procedure.
- MSDS for all substances in 1 a) or b) below
- Any health and safety information provided by supplier in 1 c) below

1 Nature of the hazard and risks identified

a) Chemicals with Health hazards H phrases H300, H301, H302, H304, H310, H311, H314, H318, H330, H331, H334, H340, H341, H350, H351, H360, H361, H370, H371, H372, H373, EUH029, EUH031, EUH032

Name of substance	Hazard phrases (Refer to MSDS - must be attached)	Possible exposure route (see key below) ²	Risk from single acute exposure	Risks from repeated low exposure	Duration of adverse effect	Effects could be hazardous to human reproductive systems
Vestosint 2159	H315, H335	1, 2	Not serious	Not serious	Short term	No

² (1) Contact skin and/or eyes, (2) Inhalation, (3) Injection and/or sharps, (4) Ingestion

b) Substances with Physical hazards H phrases H200, H201, H202, H203, H204, H205, H220, H221, H222, H223, H224, H225, H226, H228, H240, H241, H242, H250, H251, H252, H260, H261, H270, H271, H272, H280, H281, EUH001, EUH006, EUH014, EUH018, EUH019, EUH044

Name of substance	Hazard phrases (Refer to MSDS - must be attached)	What are the storage requirements for this material? How will they be met?	Quantity used in procedure	Quantity likely to be held in storage	Risk in planned use	Risk in uncontrolled release from storage
Vestosint 2159	EUH 018	MSDS says to store in a cool dry place. This will be achieved by storing in a safe cupboard	Unknown	Unknown	Minor	Minor

c) Substances without a CAS No and no associated H phrases

Name of substance	Nature of the hazard e.g. biological, flammable, explosive, corrosive	Any other information relating to risks arising from this hazard
N/A		

2 Use of substance and control of risks

a) Control measures

Name of substance	Provide a description of the control measures in place to protect the health and safety of both the user and other persons who may be exposed. Control measures should aim to reduce the risks of exposure to the minimum achievable. Consideration should be given to the use of alternative substances which are less hazardous and have a lower risk associated with their use. In this section you should also provide details of any post reactive products that have been made as a result of the procedure you have followed and the control measures you intend to use to minimise risks associated with these products. Provide details of any monitoring that will be carried out (e.g. for airborne contaminants or of exposed individuals) ³ . (NB: a full description of the procedure must be attached)	List personal protective equipment or containment required
Vestosint 2159	Minimise dust production when moving powder through taking care moving it. Ensure that adequate ventilation is used to remove dust. The user should wear a FFP1 dust mask	Dust mask

³ For the majority of work, atmospheric monitoring should not be necessary for protecting health, providing sufficient thought has gone into ensuring the adequacy of control measures in relation to risks, and the control measures are properly used and maintained

b) Emergency measures

Name of substance	Describe the actions to be taken in the event of uncontrolled release taking into account the quantity of the spill of the substance (i.e. several grams or kilograms), with details of any equipment and/or service required	List equipment and services required
Vestosint 2159	Clean up promptly for a spill of any size, using a dustpan and broom or a mop	Basic cleaning supplies

c) Disposal of substance or product resulting from its use.

Name of substance / product	Describe the method to be used for disposal of the substance or its products, with details of any control measures, services, labelling, and/or permissions required	
Vestosint 2159	Dispose to waste incineration plant	
	List equipment and services required	Basic cleaning supplies