

Usage policy of new chemical

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Usage policy of chemical

- **Experimental overview**

The perovskite material is meant to be dissolved in organic solvent and spin coated inside an inert atmosphere (glovebox-1). Detail description is provided under *Procedure*.

- **Details of chemicals used along with the chemical applied for clearance (if any)**

The perovskite material will be dissolved in approved organic solvents such as N,N-dimethyl formamide (DMF), Dimethylsulphoxide (DMSO), N-methyl 2- pyrrolidone (NMP) etc.

- **Procedure**

1. Wear protective eye wear, gloves, and lab coat to avoid contamination.
2. Wear basic mask if material handled outside glovebox.
3. The perovskite material has to be weighed in appropriate amount inside the glovebox and has to be dissolved in organic solvents as required in transparent glass vials.
4. Once transferred to the glovebox, wear gloves before handling solution.
5. The solution is pipetted and can be spin coated and annealed on desired substrates.

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- **Place where experiment will be carried out**

Glovebox 3 in Organic Electronics Lab (CEN)

- **Precautionary measures**

1. The perovskite material is not a fire or toxic hazardous material so primary precautions, mentioned below, should be followed.
2. Wear protective eye wear, gloves, and lab coat.
3. Wear basic mask if material handled outside glovebox.