1. **Operational Steps**
2. Wear your prescribed personal protective equipment (PPE)
3. Ensure mixer is clean enough to run material without any contamination in it.
4. After weighing liquid material as per recipe in a beaker. Put the beaker under impeller and fix the clamps on both sides tightly enough that it will not loosen during operation.
5. Lower the impeller to dip it in material. Make sure that impeller fully dips in material and is not touching the sides and bottom of the beaker.
6. Turn on the mixer. Do not touch electrical switches with wet hands.
7. Adjust the speed of mixer by speed knob. Avoid too high speed to splash material out of beaker or too low speed to non-uniform mixing.
8. Add pigment/resin (solid part) as per given recipe slowly and gradually (at low speed) by making sure that the pigment/resin is uniformly is mixed by adjusting the speed of mixer
9. After loading whole pigment/resin part cover the mixer and adjust speed for proper mixing.
10. After recommended time for mixing stop the mixer and remove material.
11. Clean the mixer properly after working by making sure that mixer is switched off.
12. **Safety Precautions**
13. Ensure that you have put on the prescribed personal protective equipment (PPE)-Eye goggles, face mask and gloves.
14. Never wear loose clothing or jewelry that may get caught in mixer
15. Do not switch on electrical switches with wet hands.
16. If the cable attached to the mixer is damaged, stop using the machine. Contact your supervisor or maintenance department
17. Do not run the mixer without any liquid or without any other product in the unit.
18. Do not put your hand or anything in the mixer while mixer is operational.
19. Always unplug the mixer before cleaning.
20. Clean your mixer and beaker with suitable solvent and rags. Do not start cleaning until the mixer is switched off.
21. After cleaning place empty one liter container under the mixer so that the blade is in the container.