

## PRODUCT IDENTITY

|                 |                                        |                |                                    |
|-----------------|----------------------------------------|----------------|------------------------------------|
| PRODUCT NAME    | Magnesium aluminate, spinel            | PRODUCT NUMBER | M477847                            |
| Grades & Purity | nanopowder, particle size: < 50nm(BET) | VERSION        | 3                                  |
| CAS NUMBER      | 12068-51-8                             | FORMULA        | MgO·Al <sub>2</sub> O <sub>3</sub> |
| FORMULA WEIGHT  | 142.27g/mol                            |                |                                    |

## ACCEPTANCE CRITERIA

| PARAMETER                      | SPECIFICATION / LIMIT   |
|--------------------------------|-------------------------|
| Appearance(M477847)            | White Powder            |
| X-Ray Diffraction              | Conforms to Structure   |
| Particle Size (micron average) | 0-50 (nm)               |
| Specific Surface Area          | ≥30 (m <sup>2</sup> /g) |