

Evaluation Report for Category B, Subcategory 4.6 Application

Application Number: 2012-0244
Application: B.4.6 Submission to fulfill conditions of registration on a product with full registration
Product: Sodium Omadine 40% Aqueous Solution Industrial Fungicide & Bactericide
Registration Number: 24098
Active ingredients (a.i.): Sodium omadine (OMA)
PMRA Document Number: 2275603

Background

Sodium omadine was first registered in Canada in 1995 and is currently used as a material preservative for metalworking fluids, gypsum wallboard and emulsion used in the production of paints, sealants, adhesives, patching compounds and grouts. The gypsum wallboard use was conditionally registered in 2010 based on the requirement for an air monitoring study for commercial workers installing treated wallboards.

Purpose of Application

The purpose of this application was to fulfill conditions associated with the Sodium Omadine 40% Aqueous Solution Industrial Fungicide & Bactericide use on drywall during manufacturing to control mildew.

Chemistry and Environmental Assessments

Chemistry and environmental assessments were not required for this application.

Health Assessments

There is potential for exposure to workers treating wallboards with Sodium Omadine 40% Aqueous Solution Industrial Fungicide & Bactericide and handling treated wallboard during installation. No risks of concern were identified when workers treat wallboard using a closed mixing/loading and application system. Risk for workers handling treated wallboards were estimated using a chemical specific inhalation exposure study. No risks of concern were identified when the wallboard is treated at the rate of 980 ppm sodium omadine. Exposure to homeowners who install drywall is considered to be lower than that of commercial workers and risks of concern are not expected.

Food residue and toxicology assessments were not required for this application.

Value Assessment

Following the risk assessment, a reduction of the rates for gypsum wallboard is required to a maximum of 980 ppm of active ingredient (i.e. 2420 ppm of end-use product). This new rate has been determined to have sufficient value for the protection of the gypsum wallboard against fungal growth.

Conclusion

The PMRA has completed an assessment of the available information and is able to confirm that the conditions associated with the Sodium Omadine 40% Aqueous Solution Industrial Fungicide & Bactericide use on drywall during manufacturing to control mildew have been fulfilled.

References

PMRA No.	Reference
2148629	2012, Sodium Omadine 40% Aqueous Solution Industrial Fungicide and Bactericide- Ambient Air Report, DACO: 5.10

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