

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: BORAL NOVA WHITE

Recommended Use of the Chemical and Restriction on Use: Ceiling panel, interior lining

Details of Manufacturer or Importer:

USG Boral Building Products Pty Limited (ACN 004 231 976)
251 Salmon Street
Port Melbourne VIC 3207

Phone Number: 03 9214 2138

Emergency telephone number: National Poison Information Centre: 13 11 26

2 . HAZARDS IDENTIFICATION

Hazardous Nature:

Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified as hazardous according to the Globally Harmonized System (GHS).

Label Elements

Signal Word Void

Hazard Statements Void

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: This mixture does not contain any notifiable substances.

Hazardous Components: Void

4 . FIRST AID MEASURES

Inhalation:

Inhalation hazard considered unlikely due to product form. If inhaled due to solid being cut or damaged generating dust, remove to fresh air. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with running water. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, hold eyelids open and flush eye continuously with running water for at least 15 minutes. Seek medical attention if symptoms occur.

Ingestion:

Ingestion considered unlikely due to product form. If swallowed, do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.

Specific Hazards Arising from the Chemical:

Non flammable. No fire or explosion hazard exists. May evolve toxic gases if strongly heated.

(Contd. on page 2)

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 28.10.2014

Revision: 28.10.2014

Product Name: BORAL NOVA WHITE

(Contd. of page 1)

Special Protective Equipment and Precautions for Fire Fighters:

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

6 . ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear Safe Work Australia approved respiratory protection and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Clean the area using an industrial vacuum cleaner. Wet mopping and wiping is acceptable if vacuuming is not workable. Avoid generating dust.

Remove promptly all visible waste materials to avoid being trampled and spread about, place in plastic bags or other containers which prevent fibre and/or dust emission, and dispose of in accordance with local waste disposal authority requirements.

7 . HANDLING AND STORAGE**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust.

Care should be taken to minimise dust release when opening boxes or bags. Where possible, material should be ordered in a form and shape which requires a minimum of cutting and handling on site. Hand tools should always be used in preference to power tools in any site processing. If power tools are used, these should be fitted with exhaust extraction at the point of dust generation, or other effective local extraction.

Materials should be used and handled in a wet, rather than dry form where workable. Work areas should be cleaned regularly to remove any build up of fibres and/or dust.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment regularly, separate from other laundry to avoid cross-contamination and subsequent skin irritation of non-workers. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Protect from heat, sparks, open flames and other sources of ignition.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Standards:****13397-24-5 Gypsum (Calcium sulfate)**NES | TWA: 10 mg/m³**9005-25-8 Starch**NES | TWA: 10 mg/m³**65997-17-3 Glass, oxide**

NES | TWA: 0.5 f/mL (respirable)

NES | TWA: 2 mg/m³ (inspirable dust)**9004-34-6 Cellulose**NES | TWA: 10 mg/m³

(Contd. on page 3)

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 28.10.2014

Revision: 28.10.2014

Product Name: BORAL NOVA WHITE

(Contd. of page 2)

Engineering Controls:

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below the limits.

Personal Protective Equipment (PPE):**Respiratory Protection:**

A half-face (Class L) particulate respirator should be worn during work in enclosed or poorly ventilated spaces, for example, in ceiling spaces, or where evidence suggests that respirable fibre levels may exceed 0.5 f/mL.

Class L for protection against mechanically generated particulates (dusts and mists) i.e particles generated from operations such as grinding, blasting, spraying and powder mixing, for example, SMF, asbestos, silica, caustic mist and lead.

Airline respirators and powered air-purifying respirators can offer a very high level of respiratory protection. When operated in the positive pressure demand mode these respirators generally reduce problems of poor facial seal. These respirators are usually only required for the most dusty operations or where there are high concentrations of other toxic materials such as crystalline silica or asbestos.

Skin Protection:

Leather/pigskin, neoprene or nitrile gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting hand protection, the product should comply with relevant performance criteria. For example, gloves should meet a suitable level of abrasion resistance to provide protection against hazards of a workplace.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form: PVC face laminated white core and metallised polyester film backing

Colour: White

Odour: Slight

Odour Threshold: No information available

pH-Value: 6 - 8

Melting point/Melting range: No information available

Initial Boiling Point/Boiling Range: No information available

Flash Point: Not applicable

Flammability: Product is not flammable.

Auto-ignition Temperature: No information available

Decomposition Temperature: No information available

Explosion Limits:

Lower: Not applicable

Upper: Not applicable

Vapour Pressure: No information available

Density: No information available

Relative Density: No information available

Vapour Density: No information available

Evaporation Rate: No information available

Solubility in Water: Insoluble

(Contd. on page 4)

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 28.10.2014

Revision: 28.10.2014

Product Name: BORAL NOVA WHITE

(Contd. of page 3)

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: Heat, sparks, open flames, hot surfaces and direct sunlight.

Incompatible Materials: No information available

Hazardous Decomposition Products: May evolve toxic gases if heated to decomposition.

11 . TOXICOLOGICAL INFORMATION

Toxicity:

LD ₅₀ /LC ₅₀ Values Relevant for Classification:		
65997-17-3 Glass, oxide		
Inhalation	TCLo	5 mg/m ³ /7H/90W (rat)
13397-24-5 Gypsum (Calcium sulfate)		
Oral	TDLo	450 mg/kg/3 weeks (rat) (intermittently)
Inhalation	TCLo	194 g/m ³ /10 years (human) (intermittently)
9004-34-6 Cellulose		
Oral	LD ₅₀	>5000 mg/kg (rat)
Dermal	LD ₅₀	>2000 mg/kg (rabbit)
Inhalation	LC ₅₀ /4 h	>5800 mg/m ³ (rat)

Acute Health Effects

Inhalation: Dust may cause irritation of the nose and throat.

Skin: Dust may cause mechanical irritation.

Eye: Dust may cause mechanical irritation.

Ingestion: Ingestion is considered unlikely due to product form.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity:

Synthetic Mineral Fibres (SMF) including ceramic fibre, glass wool, rock wool and slag-wool are classified by IARC as a Group 2B - possibly carcinogenic to human.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects:

The long term inhalation of respirable synthetic mineral fibres (SMF) may cause industrial bronchitis and lead to other lung diseases.

Prolonged or repeated skin exposure to dust may result in irritation and dermatitis.

(Contd. on page 5)

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 28.10.2014

Revision: 28.10.2014

Product Name: BORAL NOVA WHITE

(Contd. of page 4)

Existing Conditions Aggravated by Exposure: No information available

12 . ECOLOGICAL INFORMATION

Ecotoxicity: No information available**Aquatic toxicity:** No information available**Persistence and Degradability:** No information available**Bioaccumulative Potential:** No information available**Mobility in Soil:** No information available

13 . DISPOSAL CONSIDERATIONS

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 . TRANSPORT INFORMATION

UN Number Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances:

13397-24-5	Gypsum (Calcium sulfate)
9004-34-6	Cellulose
65997-17-3	Glass, oxide
9005-25-8	Starch

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Not a scheduled poison.

16 . OTHER INFORMATION

Creation Date: 28.10.2014**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC₅₀: Lethal concentration, 50 percentLD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

(Contd. on page 6)

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 28.10.2014

Revision: 28.10.2014

Product Name: BORAL NOVA WHITE

(Contd. of page 5)

Disclaimer

This MSDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

The information contained in this material safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. USG Boral Building Products Pty Limited makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.