

1. Product and Company Identification

Product Name

Centurion Treated Primed Boards

Product Use

Primed, white or green colour, finger-jointed machined boards intended for interior and exterior use.

Manufacturer

Claymark Limited
10 -24 Vaughan Road
Rotorua
New Zealand

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Rotorua 3040

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Web site www.claymark.com

2. Composition/Information on Ingredients

Hazardous Ingredient	Supplier	Percent	CAS #	Exposure Limits (mg/m ³)	Comments
Wood (Pinus radiata)		>95%	Not Assigned	OSHA PEL-TWA 15.0 OSHA PEL-TWA 5.0 ACGIH TLV-TWA 1.0 NZ OSH TWA 2.0	Total dust Respirable dust Inhalation Softwood (8 and 12hr exposure)
TruCore preservative (contains disodium octaborate tetrahydrate)	Kop-Coat NZ Ltd	<5%	Proprietary mixture	OSHA PEL-TWA 15.0 OSHA PEL-TWA 5.0 NZ OSH TWA 10.0 NZ OSH TWA 3.0	Total dust Respirable dust Inhalable dust Respirable dust
Adhesive	National Starch & Chemical Company	<1%	Proprietary mixture	NZ OSH TWA 0.02 NZ OSH STEL 0.07	Isocyanate (sensitisation)
Paint (sealer, acrylic polymer, UV coating)	PPG Industries	<1%	Proprietary mixtures	NZ OSH TWA 10.0 NZ OSH TWA 2.0	Dust; Titanium dioxide, kaolin Respirable dust; talc (not containing asbestos fibres)

3. Hazards Identification

Inhalation

Wood and primer dust may cause irritation to nose, throat and lungs resulting in breathing difficulty.

Eye Contact

Wood and primer dust may irritate the eyes.

Skin Contact

Wood and primer dust in contact with the skin may evoke allergic reactions in sensitised individuals. If an allergy pre-exists or develops, it may be necessary to remove the sensitised worker from further exposure to wood dust or wood-based products.

Ingestion

Unlikely to occur; however if swallowed abdominal discomfort and vomiting may occur.

Chronic Effects

Repeated exposures over many years to uncontrolled dust from the timber may increase the risk of allergic dermatitis, asthma, or chronic nose or throat irritation in some people. The risk of nasal or paranasal sinus cancers may also be increased.

If workplace practices noted in this MSDS are followed, no chronic health effects are anticipated.

CENTURION

4. First Aid Measures

Inhalation

Remove victim to fresh air. If breathing laboured and patient is cyanotic (blue), ensure airways are clear and have a qualified person give oxygen through a facemask. If breathing has stopped, apply artificial respiration at once. In event of cardiac arrest, apply cardio-pulmonary resuscitation (CPR) if trained. Seek medical advice.

Eye Contact

Rinse cautiously with water for 15 minutes. Remove contact lenses after a few minutes, if present as easy to do. Continue rinsing. Seek medical assistance if effects persist.

Skin Contact

Wash contaminated skin with plenty of soap and water.

Ingestion

If conscious, give plenty of water to drink. Do NOT induce vomiting. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek medical assistance.

First Aid Facilities

Safety shower, eyewash, CPR training, oxygen mask.

Advice to Doctor

Treat symptomatically.

5. Fire Fighting Measures

Flash Point

Not applicable

Flammable Limits

LFL = Not applicable UFL = Not applicable

Extinguishing Media

Water

Autoignition Temperature

Variable, typically 400-500°F (200-260°C).

Special Fire-fighting Procedures

None.

Unusual Fire and Explosion Hazards

Wood is a combustible material. Depending on the moisture content, and especially particle size, wood dust may explode in the presence of an ignition source. An airborne dust concentration of 40gm/m³ is often used as the LEL for wood dusts.

6. Accidental Release Measures

Spill or Leak Procedures

Not Applicable

Waste Disposal

See Section 13

7. Handling and Storage

Precautions

Avoid repeated or prolonged breathing of wood or primer dust. Avoid eye contact and repeated or prolonged contact with the skin. Change protective clothing and gloves when signs of contamination occur. Store product up off the ground and protected from the weather. Store in a cool, dry place and away from heat, flames, sparks and other sources of ignition.

8. Exposure Controls/Personal Protection

Engineering Controls

Use in an area with sufficient natural or mechanical ventilation to avoid airborne exposure hazards. Local exhaust (extract) ventilation is the preferred method.

Personal Protective Equipment

Respiratory Protection

A NIOSH/MSHA approved dust respirator or equivalent is recommended when allowable exposures may be exceeded especially when sawing or cutting.

Protective Gloves

Cloth, canvas, or leather gloves are recommended to minimise risk of potential splinters or from mechanical irritation when handling the product.

Eye Protection

Safety glasses or goggles are recommended when machining this product and goggles in areas with high dust levels.

Other Protective Clothing or Equipment

Protective clothing should be worn where prolonged skin contact may occur. Protective clothing should be laundered separately from household clothing and before reuse.

Personal Hygiene

Wash hands thoroughly with soap and water before eating, drinking, using the bathroom, or using tobacco products. Avoid direct hand to mouth contact with hands prior to washing.

9. Physical and Chemical Properties

Appearance

Primed (painted) machined profile lumber.

Boiling Point

Not applicable

Flashpoint

Not applicable

Vapour Pressure

Not applicable

Flammability Limits

Not applicable

Specific Gravity

0.4 - 0.5 g/cm³

Solubility in Water

Not soluble

pH

Not applicable

10. Stability and Reactivity

Stability

Stable

Conditions to Avoid

Avoid exposure to fire. Product may ignite at temperatures exceeding 400°F (200°C).

Incompatibility

No specific information available

Hazardous Decomposition or By-Products

Thermal decomposition can produce irritating and potentially toxic products including carbon monoxide and carbon dioxide.

Hazardous Polymerization

Will not occur.

Sensitivity to Mechanical Impact

Not applicable

Sensitivity to Static Discharge

Not applicable



CENTURION

11. Toxicological Information

Wood Dust (softwood)

OSHA Hazard rating = 3.3; moderately toxic with probable oral lethal dose to humans being 0.5-5g/kg. IARC has classified untreated wood dust as a Group 1 human carcinogen. The wood dust classification is based primarily on IARC's evaluation of increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with occupational exposures to untreated wood dust. The evaluation did not find sufficient evidence to associate cancers of the oropharynx, hypopharynx, lung, lymphatic and hematopoietic systems, stomach, colon, or rectum with exposure to wood dust.

12. Ecological Information

No data available

13. Disposal Considerations

Disposal Guidance

In its purchased form, dispose of wood and wood products by ordinary trash collection. Sawdust and other manufacturing waste can be incinerated or land-filled in accordance with local, state and federal regulations.

14. Transport Information

DOT Hazardous Material Classification

This material is not regulated as a hazardous material by the DOT.

15. Regulatory Information

RCRA (40 CFR 261)

Dispose of in accordance with local, state and federal regulations. Under RCRA it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets the RCRA criteria for hazardous waste. This product is typically not considered a hazardous waste but State run waste programmes may be more stringent. Check with your local or state regulators prior to disposal.

Other Information

Material Safety Data Sheet Issue date: 18 August 2011

Reason for issue: New product

Replaces: Not applicable

User's responsibility

The information contained in this Material Safety Data Sheet is based on the experience of occupational health and safety professionals and comes from sources believed to be accurate or otherwise technically correct. It is the user's responsibility to determine if the product is suitable for the proposed application(s) and to follow necessary safety precautions. The user has the responsibility to make sure this sheet is the most up-to-date issue.

Definition of Common Terms

ACGIH	American Conference of Governmental Industrial Hygienists
CAS#	Chemical Abstracts System Number
DOT	U.S. Department of Transportation
IARC	International Agency for Research on Cancer
LEL	Lower Explosive Limit
LFL	Lower Flammable Limit
MSHA	Mining Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health
NZ OSH	NZ Department of Labour Occupational Health & Safety
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
STEL	Short-Term Exposure Limit (15 minutes)
TLV	Threshold Limit Value
TSCA	Toxic Substance Control Act
TWA	Time-Weighted Average (8 hours)
UFL	Upper Flammable Limit

END OF MATERIAL SAFETY DATA SHEET