

SAFETY DATASHEET

FR Downlight Cover

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1. SUBSTANCE IDENTIFICATION

Product Name	FR Downlight Cover, Fire Rated Downlight Cover, Downlight Cover Mitt
Product Code	DLC-200 (Medium 200mm) DLC-250 (Large 250mm)
Use/Description	FR Downlight cover is used to protect and provide fire rating benefits to downlights fixed into fire rated ceilings.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains	Its chemical composition is made using mineral fibre with expandable graphite and organic binder (latex).
Hazardous Components	Contains respirable fibres. Can cause skin irritation.

3. HAZARD IDENTIFICATION

Main Hazards	Contains respirable fibres. Can cause skin irritation.
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4. FIRST AID MEASURES (SYMPTOMS)

Skin Contact	None known
Eye Contact	None known
Ingestion	Not applicable
Inhalation	Not applicable

5. FIRST AID MEASURES (ACTION)

Skin Contact	Remove dusty or contaminated clothing and wash skin with soap and clean water.
Eye Contact	Gentle irrigate with clean water for at least 15 minutes. Move eyeball and keep eyelids wide open and apart whilst irrigating. Seek medical attention.
Ingestion	Not common however if ingested seek medical advice.
Inhalation	Avoid breathing dust. If breathing difficulties experienced whilst machining remove to fresh air and seek medical advice.

6. FIRE FIGHTING MEASURES

Extinguishing Media	All standard fire-fighting media
Protective Equipment	Use self-contained breathing apparatus

7. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Protective clothing should be provided for workers when a significant quantity of fibres are liable to be deposited on there clothing. Clothes should be washed by a suitable organization
Environmental Precautions	Dust from intumescent products should be removed by vacuum, in a direction away from the operator, at frequent intervals during work to prevent the accumulation of dust. Where vacuuming is not possible then dust should be dampened and collected whilst still damp. All dust and hard waste must be disposed of at an authorised waste disposal site in accordance with local laws.
Clean-Up Procedures	See environmental precautions above. Industrial type vacuum cleaners fitted with 'H' type filters and suitable bags must be used

8. HANDLING & STORAGE

Handling Requirements	All machining will create dust, a portion of which may be in the form of respirable fibres. Where dust is generated, approved extraction equipment must be used and if this is not adequate, approved dust respirators used in the vicinity
Storage Conditions	Both machined and un-machined items should be packed to prevent movement, abrasion during movement and absorption of water. Otherwise normal safe precaution for handling can be employed. To avoid damage and distortion, store on a smooth level foundation. Store fully supported of the ground in a cool dry place. Protect from excessive heat
Suitable Packaging	No special requirements

9. EXPOSURE CONTROL & PERSONAL PROTECTION

Exposure Limit Values	Man-made fibres can cause irritation of the skin and eyes and excessively dusty conditions may cause irritation of the upper respiratory tract. They contain fibres which can be breathed into the lungs.
Respiratory Protection	Local ventilation for machining areas. If dust levels are likely to exceed limits, approved respirators must used.
Hand Protection	As a precaution protective gloves should be worn
Eye Protection	As a precaution safety glasses should be worn
Skin Protection	As a precaution suitable long sleeved shirt and pants should be worn

10. PHYSICAL & CHEMICAL PROPERTIES

State	Solid
Colour	Black
Odour	Odourless
PH.	N/A
Viscosity	N/A
Freezing Point	N/A
Boiling Point	N/A
Melting Point	N/A
Flash Point	N/A
Expanding Temperature	≥ 200 degrees°C
Auto Flammability	N/A
Explosive Properties	N/A
Vapour Pressure	N/A
Vapour Density	N/A
Relative Density	150-250kg/m3

11. STABILITY & REACTIVITY

Stability	Considered stable under relative high temperatures and pressure. If exposed to other chemicals reactivity must be checked before use
Conditions to Avoid	Extremes of temperature
Materials to Avoid	Unknown.
Haz. Decomp. Products	Residue will contain Quartz.

12. TOXICOLOGICAL INFORMATION

Routes of Exposure	None known
Acute Toxicity	No data available

13. ECOLOGICAL INFORMATION

Persistence & Degradability	No data available
Bio-Accumulative Potential	No data available
Other Adverse Effects	No data available

14. DISPOSAL CONSIDERATIONS

Disposal Operations	No special disposal necessary. Dispose of in accordance with local authority requirements. Do not discharge into drains or water ways
Disposal of Packaging	Dispose of as normal industrial waste according to local or national legislation

15. TRANSPORT HAZARDS

Transport Hazards	No regulations apply for the transport of this material Not classified as hazardous for road, rail, sea or air transport
ADR/RID	
UN no.	
Shipping Name	"NOT SUBJECT TO ADR"
IMDG/IMO	
UN no.	
IATA/ICAO	
UN no.	

16. REGULATORY INFORMATION

Hazard Symbols	No significant hazard
Note	The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

17. ADDITIONAL INFORMATION

Legal Disclaimer	<p>The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication.</p> <p>The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not considered a warranty or quality specification.</p> <p>The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.</p>
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FURTHER INFORMATION

To learn more about FR Downlight Covers, see the Technical Data Sheet available at bossfire.com

Further information can be provided by contacting BOSS Fire & Safety on:



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