MATERIAL SAFETY DATASHEET

Fabric Flame Retardant

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1. PRODUCT NAME : FABRIC FIRE RETARDANT

Not classified as hazardous according to criteria of Worksafe Australia

UN NO	None Allocated
PACK GRP	None Allocated
HAZCHEM	None Allocated
POISON (SUSDP) NO	None Allocated
D.G. CLASS	None Allocated
E.G.P	Not Required
SUB. Risk	None Allocated
CAS No	None Allocated

2. IDENTIFICATION

Other Names	FFR, Fabric fire retardant and textile treatment
Uses	Treatment designed to retard the spread of flame and fire in fabrics and textiles. Normally applied by dipping or spraying. For use as a pre-treatment and in-situ.
Appearance	Clear Liquid
Boiling Point	100+. C (water is solvent)
Melting Point	-0. C (water is solvent)
Vapour Pressure	17.5 mm Hg @ 20 degrees Celsius
Specific Gravity	1.02 to 1.12
Flash Point	Non-Combustible
Flammability Limits	Not Applicable
Solubility in Water	Miscible with water
Auto-ignition Temperature	Not applicable
Rel. Vapour Density (Air = 1)	< 1 (Water)
PH	Neutral
% Volatile by Volume	70 to 85

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3. INGREDIENTS

Chemical Entity	CAS Number	Proportion %
Propriety fire retardants ingredients determined not to be hazardous	Mixture	3-10
Poly phosphate ingredients determined not to be hazardous	Mixture	10-30
Water	7732-18-5	Balance

4. HEALTH HAZARD INFORMATION

Acute

Swallowed	If swallowed may cause irritation to mouth and throat Contact a doctor
Eye	Direct contact with the eye may cause irritation
Skin	Direct contact with skin may cause slight irritation
Inhaled	Inhalation of the Vapour or mist can cause irritation of the nose, throat and lungs and cause headache and nausea

Chronic

Chronic	May cause sensitization of the skin of some individuals

First Aid

Swallowed	If swallowed give two glasses of water to drink Consult a Doctor Never give anything by mouth to an unconscious person
Eye	In case of contact with eyes, rinse immediately with plenty of water. Contact a doctor if irritation persists
Skin	After contact with skin, wash thoroughly with soap and water Consult a doctor if irritation persists
Inhaled	Move affected person to fresh air. If unwell contact a doctor
First Aid Facilities	Eyewash facilities should be available where this product is used
Advice to Doctor	Treat symptomatically

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5. PRECAUTIONS FOR USE

Exposure Standards	No exposure standard allocated
Engineering Controls	Good ventilation required. Ensure a minimum capture velocity of 0.5 m/sec at point of application - use local exhaust ventilation in confined areas where applying by spray methods. Refer to Australian Standards AS 1668
Personal Protection	Respiratory Protection: When applying by spray an Australian Standard approved air purifying respirator (cartridge - ammonia/methylamine type) is recommended. Whenever workplace conditions warrant respiratory protection, protection must conform with the requirements of AS1715 and AS1716
Eye Protection	Eye protectors, goggles conforming to AS1337 recommended to prevent splashes entering eyes
Hand Protection	Avoid unnecessary skin contact. Wear PVC or Neoprene chemically resistant gloves to prevent prolonged exposure and when handling large spills
Flammability	Non-Combustible

6. SAFE HANDLING INFORMATION

Storage & Transport	Dangerous Goods Class: None Allocated
Subsidiary Risk	None Allocated
Storage Conditions	Store in cool dry protected area. Recommended storage temperature is a minimum of 5°C to a maximum of 35°C
Transport	Not classified as Dangerous goods. No special procedures required. No EPG (Emergency Procedure Guide Required)
Spills & Disposal	Spills and leak handling information:
Personal Protection	Refer Precautions for Use (section 5 above) information for recommended eye and hand protection measures
First Aid	If exposed during clean up, Refer Health Hazard (section 4 above) information section for recommended first aid

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7. RECOMMENDED CLEAN UP PROCEDURES

Spills	Floor may be slippery, use care to prevent falling
Contain Spills Immediately	Use inert absorbent material (eg sand, earth). Transfer both the spilled liquid and the solid absorbent material to suitable containers for recovery or disposal
Prevent Material Entering Drains or Watercourses	Dispose of in accordance with local government regulations for the disposal non-hazardous paint waste
Fire/Explosion Hazard	Product is water based and non-flammable
Combustion Products	Oxides of carbon and nitrogen, ammonia, phosphoric acid
Extinguishing Agents	Use extinguishing method appropriate to surrounding fire
Personal Protective Equipment	Wear self-contained breathing apparatus
Other Information	Toxicity Data: No specific product toxicity data available

LIMITATION

BOSS Fire & Safety Pty Ltd has provided the above information in good faith and to the best of its knowledge. Some of this information is based upon the MSDS and technical information provided by other parties or manufacturers. This information was correct at the time of publication, should any data come to BOSS Fire & Safety's attention relating to the safety or handling of the product described, BOSS Fire & Safety will amend this report.

FURTHER INFORMATION

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

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