Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: XPACK CARPET AND FABRIC PROTECTOR WITH BACTI-SHIELD

Company Name: MotorOne Group Pty Ltd
Address: 275 Canterbury Road Canterbury
              VIC 3126 Australia
Telephone/Fax: Tel: (03) 8809 2700
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Recommended Use: Fabric and upholstery waterproofing and protectant

2. HAZARDS IDENTIFICATION

Hazard Classification:
- NON-HAZARDOUS SUBSTANCE.
- NON-DANGEROUS GOODS.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition, information on ingredients:
Chromium complex, fatty acid derivatives, alcohol

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<tr>
<th>Ingredients</th>
<th>CAS</th>
<th>Proportion</th>
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<td>determined not to be hazardous</td>
<td>-</td>
<td>100 %</td>
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4. FIRST AID MEASURES

Inhalation: If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

Ingestion: Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.

Skin: Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

Eye: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.

First Aid Facilities: Eyewash and normal washroom facilities
Advice to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use appropriate fire extinguisher for surrounding environment.

Extinguishing Media: Non-combustible liquid

Hazard from Combustion Products: This product is non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn producing oxides of carbon. As a water based product, if spilt on electrical equipment the product will cause short-circuits.

Specific Hazards: Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. Slippery when spilled. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain.
7. HANDLING AND STORAGE

Precautions for Safe Handling
Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage
Store in a dry, well-ventilated area, out of direct sunlight. Store at room temperature (15-25°C recommended). Do not expose to moisture. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards
No exposure standards have been established for the mixture by the National Occupational Health & Safety Commission (NOHSC).

Biological Limit Values
No biological limits allocated.

Engineering Controls
Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used.

Respiratory Protection
If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist/particulate filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection
Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection
Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance. Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

Body Protection

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Milky liquid

Odour
Not available

Melting Point
Not applicable

Boiling Point
>100°C

Solubility in Water
Completely miscible

Solubility in Organic Solvents
Soluble in polar solvents

Specific Gravity
(20°C): 1.00

pH Value
(20g/l) at 20°C: 6.8

Vapour Pressure
Not available

Vapour Density (Air=1)
Not available

Viscosity
<100 centipoise Flash Point
Not applicable

Flammability
Non combustible liquid
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Auto-Ignition  Not applicable
Temperature  Not applicable
Flammable Limits - Lower  Not applicable
Flammable Limits - Upper  Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability  Stable under normal conditions of storage and handling.
Conditions to Avoid  Moisture and heat
Incompatible Materials  Strong oxidizing agents
Hazardous Decomposition  This product is non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn producing oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Toxicology Information  LD50 (Oral, Rat): >2000 mg/kg
Inhalation  Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Ingestion  Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin  May be irritating to skin. The symptoms may include redness, itching and swelling.
Eye  May be irritating to eyes. The symptoms may include redness, itching and tearing.

Chronic Effects  Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity  No ecological data are available for this material.
Persistence/ Degradability  Product is biodegradable.
Mobility  Not available
Environ. Protection  Do not discharge this material into waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations  The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

Date of preparation or last revision of MSDS  MSDS Reviewed: July 2015  MSDS Supersedes: February 2011
Contact Person/Point

DISCLAIMER: The company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.

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