

MATERIAL SAFETY DATA SHEET



ENDUROARMOR

HMIS		NFPA	Personal protective equipment
Health	1	1	None Required
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 2

Preparation date: 2005-01-21

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ENDUROARMOR
MSDS #: 86751500253
Product code: 3170101, 3367246
Recommended use: No information available

Manufacturer, importer, supplier:

US Headquarters JohnsonDiversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-0902 Phone: 1-888-352-2249 MSDS Internet Address: www.johnsondiversey.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131
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Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. MAY BE MILDLY IRRITATING TO EYES.

Principle routes of exposure:	Eyes. Skin. Inhalation.
Skin contact:	None known.
Eye contact:	May be mildly irritating to eyes.
Inhalation:	None known.
Ingestion:	None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Silica, crystalline - cristobalite	14464-46-1	0.1 - 1.5%	Not available	Not available	Not available

4. FIRST AID MEASURES

Eye contact:	Flush immediately with plenty of water. Get medical attention if irritation occurs.
Skin contact:	Rinse with plenty of water.
Inhalation:	No specific first aid measures are required.
Ingestion:	No specific first aid measures are required.
Aggravated Medical Conditions:	Persons with pre-existing skin disorders may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use dry chemical, CO ₂ , water spray or "alcohol" foam.
Specific hazards:	Not applicable
Unusual hazards:	None known
Specific methods:	No special methods required

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons:

No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment

**Environmental precautions
and clean-up methods:**

Prevent product from entering drains. Soak up with inert absorbent material. Shovel into suitable container for disposal. Use a water rinse for final clean-up .

7. HANDLING AND STORAGE

Handling:

Avoid contact with eyes. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Protect from freezing . Keep tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

No special ventilation requirements . General room ventilation is adequate .

Personal Protective Equipment

Eye protection:

No special requirements under normal use conditions

Hand protection:

No special requirements under normal use conditions

Skin and body protection:

No special requirements under normal use conditions

Respiratory protection:

No special requirements under normal use conditions

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice

Ingredient	CAS #	ACGIH	OSHA	Mexico
Silica, crystalline - cristobalite	14464-46-1	0.05 mg/m ³ (TWA) 10 mg/m ³ (TWA) 3 mg/m ³ (TWA)	5 mg/m ³ Respirable fraction. (TWA) 15 mg/m ³ Total dust. (TWA) 0.05 mg/m ³ Respirable dust. (TWA)	0.05 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Opaque Light brown

Odor: Slight

Specific gravity: 0.9785 g/cc

Dilution pH: No information available

Bulk density: No information available

Vapor density: No information available

Evaporation rate: No information available

Solubility in other solvents: No information available

Viscosity: No information available

Partition coefficient (n-octanol/water): No information available

Appearance: Liquid

Boiling point/range: >200 (°F)>100 (°C)

Melting point/range: Not determined

pH: 7

Density: 0.9785 g/ml

Decomposition temperature: Not determined

Autoignition temperature: No information available

Solubility: No information available

VOC: 0

Flash point: >200 (°F) >100 (°C)

10. STABILITY AND REACTIVITY

Stability:

The product is stable

Polymerization:

Hazardous polymerisation does not occur

Hazardous decomposition products:

None reasonably foreseeable

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral, LD50 estimated to be greater than 5000 mg/kg.

Component Information:

See Section 3

Chronic toxicity:

None known

Specific effects

Carcinogenic effects:

None known

Mutagenic effects:

None known

Reproductive toxicity:

None known

Target organ effects:

None known

HAZARDOUS COMPONENTS

Ingredient	CAS #	NTP	IARC	OSHA
Silica, crystalline - cristobalite	14464-46-1	Listed.	1 Human carcinogen.	

12. ECOLOGICAL INFORMATION

Environmental Information: When used for its intended purpose this product should not cause adverse effects in the environment

13. DISPOSAL CONSIDERATIONS**Waste from residues / unused products:**

Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION**International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Water	7732-18-5	-	-	-	-	-	-
Hydrated magnesium aluminum silicate	12199-37-0	-	-	-	-	-	-
Silica, crystalline - cristobalite	14464-46-1	Listed	Listed	Listed	Listed	Listed	-
Soybean oil	8001-22-7	-	-	Listed	Listed	-	-

CERCLA / SARA

CAA HAP/CAA ODS/CWA Priority Pollutants: None

Canada

WHMIS hazard class: Non-controlled.

Ingredient	CAS #	NPRI
Silica, crystalline - cristobalite	14464-46-1	Listed

16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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