



Expect Service

Radiation Products Design Inc

MATERIAL SAFETY DATA SHEET

RPD INFORMATION

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RPD PRODUCT INFORMATION

RPD is an authorized distributor

Item Number	Description
262-174	MoldCare® Small Head Cushion, 15 x 20 cm
262-175	MoldCare® Head Cushion, 20 x 25 cm
262-176	MoldCare® Trapezoid Head & Shoulder Cushion, 58 x 65cm
262-177	MoldCare® Medium Head Cushion, 20 x 45 cm
626-178	MoldCare® Large Head Cushion, 40 x 60 cm
262-179	MoldCare® X-Large Head Cushion, 60 x 60 cm

MATERIAL SAFETY DATA SHEET

MSDS No.

Identity (Trade Name As Used On Label)

MOLD CARE

SectionI

Manufacture	Alcare Co., Ltd.
Address	1-2-1, Kinshi Sumida-ku, Tokyo 130-0013, Japan
Emergency Phone Number	Tokyo; TEL 03-5611-7819 Chiba; TEL 043-257-0957
Date Prepared	April.19,2002

CAS Number Registered	Registered
EINECS Number	Registered
TSCA Number	Registered
UN Class	Not Applicable
UN Number	Not Applicable

SectionII Hazardous Ingredients / Identity Information

Component (Chemical Name & Common Names)	%	OSHA PEL	ACGIH TLV	Other Limits Recommended
MOLDCARE Resin	ca. 64			
Expandable Beads (Eslon Beads)	ca. 30			
Tricot	ca. 6			
Total	100			

Section III Physical / Chemical Characteristics

Boiling Point	ND
Vapor Pressure	ND
Vapor Density (Air=1)	ND
Solubility in Water	Insoluble
Specific Gravity (H ₂ O=1)	1.1 at 20°C
Melting Point	NA
Evaporation (Butyl Acetate=1)	ND
Water Reactive	Reactive
Appearance and Odor	Colorless light yellow liquid. Practically odorless.

Section IV Fire and Explosion Hazard Data

Flash Point and Method used	43-75°C
Auto-Ignition Temperature	490°C
Flammability Limits	ND
Extinguishing Media	Alcohol foam, carbon dioxide, and dry chemical are recommended
Special Fire Fighting Procedures	Wear full-body protective clothing and self-contained breathing apparatus. Water spray may be used to cool fire-exposed containers.
Unusual Fire and Explosion Hazards	Emits nitrogen oxides and carbon monoxide when heated or burned. Sudden reaction and fire may result when the product is mixed with oxidizing agents.

SectionV Reactivity Hazard Data

Stability	■ Stable	□ Unstable
Conditions to Avoid	Direct Flame	
Incompatibility (Materials to Avoid)	Oxidizing materials.	
Hazardous Decomposition Products	Emits Nitrogen oxides and carbon monoxide when heated or burned.	
Hazardous Polymerization	■ May occur	□ Will not occur
Conditions to Avoid	Water	

SectionVI Health Hazard Data

Primary Routes of Entry	<input type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion
	<input type="checkbox"/> Skin Absorption	<input type="checkbox"/> Not Hazardous
Carcinogen Listed In	<input type="checkbox"/> NTP	<input type="checkbox"/> IRIC Monograph
	<input type="checkbox"/> OSHA	<input checked="" type="checkbox"/> Not Listed
Health Hazards	Acute ND	
	Chronic ND	
Signs and Symptoms of Exposure	Contact with eyes or skin causes irritation and discomfort.	
Medical Conditions, Generally Aggravated by Exposure	Eye disease, skin disorders and allergies.	
Emergency First Aid Procedures		
Eye Contact	Immediately flush eyes with plenty of water for a minimum of 15 minutes.	
	Call a physician, preferably an eye specialist.	
Skin Contact	Immediately wash skin with plenty of water and soap.	
Inhalation	Remove to fresh air.	
Ingestion	Call a physician.	

SectionVII Control Protective Measures

Respiratory Protection

(Specify Type) Generally unnecessary.

Protective Gloves Generally unnecessary.

Eye Protection Generally unnecessary.

Ventilation to be used ☒ Local Exhaust ☐ Special
☐ Mechanical(general) ☐ Other(specify)

Other Protective Clothing and Equipment

Protective clothing as required to prevent skin contact.

Emergency eye wash and shower facility.

Hygienic Work Practices Necessary (safety shower etc.)

SectionVIII Precautions for Safe Handling and Use

Steps to Be Taken if Material is Spilled or Released

Shut off and remove all ignition sources.

Stop the leak, if possible.

Dam up to prevent it from spreading and contaminating surface and ground water and drinking supplies.

Waste Disposal Methods

Incinerate in accordance with Federal, State and local regulations.

The potential of carbon monoxide and nitrogen oxides generation must be recognized.

Precautions to Be Taken in Handling and Storage

Avoid contact with skin, eyes and clothing.

Keep container closed.

Avoid excessive storage temperatures and direct sunlight.

Other Precautions ND

NA : Not Applicable ND : No Data

To the best of our knowledge, the information contained herein is accurate. However, neither ALCARE nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.