



**RPD is an
authorized distributor**

**Radiation Products Design, Inc
5218 Barthel Industrial Drive
Albertville, MN 55301**

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RPD Product Information

Item Number Description

489-050	+ Super Stuff Bolus Material (50 - 1oz. pkgs/ctn)
489-100	+ Super Stuff Bolus Material (10 lbs - Bulk Pack)

OIL CENTER RESEARCH, INC. 616 W. PONT DES MOUTON RD / LAFAYETTE, LA 70507	DATE PREPARED: <i>04-29-99</i>	EMERGENCY TELEPHONE: <i>(318) 232-2498</i>
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I. PRODUCT IDENTIFICATION

PRODUCT <i>TX-151</i>	CHEMICAL NAME <i>Not Applicable</i>	
CHEMICAL FAMILY <i>Hydrophilic Organic Polymer</i>	FORMULA <i>Mixture</i>	CAS NUMBER <i>Not Applicable</i>
NATIONAL FIRE PROTECTION ASSOCIATION HAZARD RATING CODES LEAST=0 SLIGHT=1 MODERATE=2 HIGH=3 EXTREME=4	HEALTH CODE <i>0</i>	FIRE CODE <i>0</i>
		REACTIVITY CODE <i>0</i>

II. HAZARDOUS COMPONENTS

INGREDIENT:	%	OSHA LIMIT	TLV
<i>None</i>			

INGREDIENT:	%	CAS #
<i>None</i>		

III. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT <i>Not Applicable</i>	VAPOR PRESSURE <i>Not Applicable</i>	EVAPORATION RATE (°F-1) <i>Not Applicable</i>
PERCENT VOLATILE BY VOLUME (%) <i>Not Applicable</i>	APPEARANCE <i>Powder</i>	ODOR <i>Slight Mint</i>
VAPOR DENSITY (air=1) <i>Not Applicable</i>	SPECIFIC GRAVITY (H2O=1) <i>0.80</i>	SOLUBILITY IN WATER <i>Soluble</i>

IV. FIRE PROTECTION INFORMATION

FLASH POINT AND METHOD <i>None</i>	AUTO IGNITION TEMPERATURE <i>Not Available</i>	FLAMMABLE LIMITS % VOLUME IN AIR <i>Not Available</i>	LOWER	UPPER						
EXTINGUISHING MEDIA <i>Carbon dioxide, dry chemical, foam, or water.</i>										
HAZARDOUS DECOMPOSITION PRODUCTS <i>None</i>										
FIRE AND EXPLOSION HAZARD <i>Avoid creating dense dust. Keep away from open flame and sparks.</i>										
HAZARDOUS POLYMERIZATION:		WILL NOT OCCUR	<input checked="" type="checkbox"/>	MAY OCCUR	<input type="checkbox"/>	STABILITY:	STABLE	<input checked="" type="checkbox"/>	UNSTABLE	<input type="checkbox"/>

V. HEALTH INFORMATION

INHALATION <i>Considered inert nuisance dust. May cause transitory sneezing or coughing.</i>
EYE CONTACT <i>Non-irritating to eyes.</i>
SKIN CONTACT <i>Non-irritating to skin. May cause slight irritation on damaged skin.</i>
INGESTION <i>Harmful if swallowed in sufficient quantities.</i>

REPORTED AS POTENTIAL CARCINOGEN OR CARCINOGEN:

 NOT APPLICABLE
 OSHA

 INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
 NATIONAL TOXICOLOGY PROGRAM
VI. FIRST AID PROCEDURES

INHALATION

Remove to fresh air.

EYE CONTACT

Not Applicable

SKIN CONTACT

Flush with water.

INGESTION

*Drink large quantities of milk or water and call a physician.***VII. EMPLOYEE PROTECTION**

RESPIRATORY PROTECTION (UTILIZE NIOSH APPROVED RESPIRATORS. REFER TO MANUFACTURERS' PROTECTION FACTORS AND OSHA STANDARD 1910.134 AS A GUIDELINE.)

*None required under normal conditions of use.***SPECIAL PROTECTION INFORMATION:**

EYE

Not necessary under normal conditions of use.

SKIN

Not necessary under normal conditions of use.

VENTILATION

Not Applicable

SPECIAL PROTECTION

*Not Applicable***VIII. SPECIAL PRECAUTIONS**

STORAGE

Store in dry area.

OTHER PRECAUTIONS

*Not Applicable***IX. ENVIRONMENTAL PROTECTION**

SPILLS

Sweep or vacuum followed by water rinse. Product becomes slippery when wet.

WASTE DISPOSAL

Utilize permitted industrial waste disposal site. Comply with environmental regulations.

ADDITIONAL COMMENTS: Containers should be either reconditioned by CERTIFIED firms or properly disposed of by APPROVED firms.

Disposal of containers should be in accordance with applicable laws and regulations. EMPTY drums should not be given to individuals.

Serious accidents have resulted from the misuse of EMPTIED containers (drums, pails, etc.). Refer to section IV and IX.

DISCLAIMER: The information contained herein is based upon data available to us and reflects our best professional judgment. Since it

is impossible to anticipate the conditions under which our products may be used, we cannot guarantee that the recommendations will

be adequate for all individuals and situations. Each user of this product should determine the suitability of the product for his particular

purpose and should comply with all environmental regulations. Our goal is to manufacture products with zero or minimum hazards. Our

products are improved daily as up-to-date information and research is received from our suppliers to use products with less or

no hazards. Please feel free to contact us for current information.

The latest MSDS will be furnished with the shipment.