



**RPD is an
authorized distributor**

**Radiation Products Design, Inc
5218 Barthel Industrial Drive
Albertville, MN 55301
www.rpdinc.com
Phone: 800-497-2071 Fax 763-497-2295**

RPD Product Information

Item Number Description

3051-902	+Lead Vinyl Sheet 2' x 3' x 1/16" (.50mm Lead Equiv.)
3051-903	+Lead Vinyl Sheet 2' x 3' x 1/8" (1.00mm Lead Equiv.)

BAR-RAY Products, Inc.

MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE : 717 - 359 - 9100

I. PRODUCT IDENTIFICATION

MSDS NUMBER : BR01
MSDS DATE : 15 MAY 1997
PRODUCT NAME : X-RAY RADIATION
PROTECTION PRODUCTS MADE FROM LEAD-X VINYL

HMIS HAZARD RATINGS

HEALTH HAZARD - 1* FIRE HAZARD - 1 REACTIVITY - 0
Based on the National Paint & Coatings Assoc. HMIS rating system

SARA/TITLE III HAZARD CATEGORIES

Immediate (ACUTE) Health : NO

Reactive Hazard : NO

Delayed (CHRONIC) Health : NO

Sudden Release of Pressure : NO

Fire Hazard : NO

THIS PRODUCT CONTAINS TOXIC CHEMICALS WHICH ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986, AND 40 CFR PART 372.

MANUFACTURER'S : BAR-RAY PRODUCTS, INC.

NAME & ADDRESS : 95 Monarch Street
Littlestown, PA 17340

Telephone
(717 - 359 - 9100)

IMPORTANT: THE INFORMATION PRESENTED HEREIN, WHILE NOT GUARANTEED, WAS PREPARED BY COMPETENT TECHNICAL PERSONNEL AND IS TRUE AND ACCURATE TO THE BEST OF OUR KNOWLEDGE. NO WARRANTY, EXPRESS OR IMPLIED IS MADE REGARDING PERFORMANCE, STABILITY OR OTHERWISE. THIS INFORMATION IS NOT INTENDED TO BE ALL-INCLUSIVE AS TO THE MANNER AND CONDITIONS OF USE, HANDLING AND STORAGE. OTHER FACTORS MAY INVOLVE OTHER OR ADDITIONAL SAFETY OR PERFORMANCE CONSIDERATIONS. WHILE OUR TECHNICAL PERSONNEL WILL BE HAPPY TO RESPOND TO QUESTIONS REGARDING SAFE HANDLING AND USE PROCEDURES, SAFE HANDLING AND USE REMAINS THE RESPONSIBILITY OF THE CUSTOMER. NO SUGGESTIONS FOR USE ARE INTENDED AS, AND NOTHING HEREIN SHALL BE CONSTRUED AS A RECOMMENDATION TO INFRINGE ANY EXISTING PATENTS OR VIOLATE ANY FEDERAL, STATE, OR LOCAL LAWS.

II. HAZARDOUS INGREDIENTS

INGREDIENTS : LEAD (ENCAPSULATED) 85% **CAS NUMBER :** LEAD - 7439921
CHEMICAL FORMULA : Pb
ALSO CONTAINS A PROPRIETARY BLEND OF PLASTICIZERS OF THE PHTHALATE ESTER CHEMICAL FAMILY .

DOT SHIPPING NAME : NOT REGULATED UNDER DOT
DOT HAZARD CLASS : NA
DOT ID NUMBER : NA

III. PHYSICAL AND CHEMICAL DATA

BOILING POINT : NA	SOLUBILITY IN WATER : INSOLUBLE
VAPOR PRESSURE: NA	APPEARANCE : BLACK OR GREY
VAPOR DENSITY : NA	FLEXIBLE MATERIAL
PERCENT VOLATILE : NA	ODOR : CHARACTERISTIC VINYL ODOR

IV. FIRE & EXPLOSION DATA

FLASHPOINT : NA
FLAMMABLE LIMITS : NOT AVAILABLE
AUTOIGNITION TEMPERATURE : > 500 DEGREES F.
GENERAL HAZARD : Low hazard, material can burn upon heating to temperatures at or near the autoignition temperature.
FIRE FIGHTING : Use foam, dry chemical, or water spray to extinguish fire.
HAZARDOUS COMBUSTION PRODUCTS : No unusual combustion products. Must be heated to temperatures beyond the melting point (621 deg. F) to produce toxic lead fumes.

V. HEALTH HAZARD INFORMATION AND PROTECTION

EMERGENCY AND FIRST AID PROCEDURES

EYES : MATERIAL IS NOT HAZARDOUS WHEN USED AS SUPPLIED.

SKIN : MATERIAL IS NOT HAZARDOUS WHEN USED AS SUPPLIED. IF IRRITATION OCCURS, WASH HANDS THOROUGHLY WITH SOAP AND WATER.

INHALATION : THIS MATERIAL WILL NOT CAUSE AN INHALATION HAZARD WHEN USED AS SUPPLIED.

INGESTION : IF INGESTED THIS MATERIAL IS NOT EXPECTED TO HAVE LONG TERM HEALTH EFFECTS. MAY CAUSE NAUSEA OR OTHER DISCOMFORT.

THE COMPOSITION OF THIS MIXTURE MAY BE PROPRIETARY INFORMATION. IN THE EVENT OF A MEDICAL EMERGENCY, COMPOSITIONAL INFORMATION WILL BE PROVIDED TO A PHYSICIAN OR NURSE. THIS PRODUCT IS NOT HAZARDOUS WHEN USED AS INTENDED . THIS MATERIAL IS ALSO NOT CONSIDERED HAZARDOUS AS DEFINED IN 29 CFR 1910.1200.

VI. REACTIVITY DATA

STABILITY : Stable

CONDITIONS TO AVOID : FIRE, CORROSIVES, ACIDS, STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS : RELEASE OF TOXIC MATERIALS AT HIGH TEMPERATURES.

HAZARDOUS POLYMERIZATION : WILL NOT OCCUR

VII. STORAGE, HANDLING & DISPOSAL

STORAGE: NO SPECIAL STORAGE REQUIREMENTS WHEN USED AS INTENDED. SHOULD BE STORED AND USED AT AMBIENT TEMPERATURE AND PRESSURE.

HANDLING : ALWAYS WASH HANDS AFTER USING THIS PRODUCT

**DISPOSAL : WASTE MATERIAL SHOULD BE DISPOSED OF ACCORDING TO ALL APPLICABLE STATE AND LOCAL REGULATIONS
MAY HAVE RECYCLABLE VALUE.**
