



---

## **PR-1141 DARK GRAY 36076 PART B**

### **MSDS Number**

BBFKH

### **National Stock Number**

5610-00D001719

### **Product Name**

PR-1141 DARK GRAY 36076 PART B

### **Manufacturer**

PRODUCTS RESEARCH AND CHEMICAL CORP

### **Product Identification**

Product ID:PR-1141 DARK GRAY 36076 PART B

MSDS Date:10/17/1990

FSC:5610

NIIN:00D001719

MSDS Number: BBFKH

### **Responsible Party**

PRODUCTS RESEARCH & CHEMICAL CORP.

5430 SAN FERNANDO ROAD

GLENDALE , CA 91209

US

Emergency Phone: 800-228-5635(800-424-9300 CHEMTREC)

Info Phone: 818-240-2060

Preparer: JRW

Cage: DO563

### **Contractor**

PRODUCTS RESEARCH & CHEMICAL

1800

GLENDALE, CA 91209

US

818-240-2060

Cage: DO563

### **Ingredients**

1-METHOXY-2-PROPANOL ACETATE (PM ACETATE)

CAS: 108-65-6

RTECS: AI8925000

Fraction By Weight: 40%

POLYETHER POLYOL WITH 1,1-METHYLENE BIS(4-CYCLOHEXYL

CAS: 9042-82-4

Fraction By Weight: 30%

METHYLENE BIS(4-CYCLOHEXYLISOCYANATE)

CAS: 5124-30-1



RTECS: NQ9250000

Fraction By Weight: N/K

OSHA PELC, 0.01 PPM

ACGIH TLV: 0.005 PPM; 9192

POLYETHER POLYOL POLYMER WITH ISOPHORONE DIISOCYANATE

CAS: 71519-88-5

Fraction By Weight: 25%

ISOPHORONE DIISOCYANATE (SARA III)

CAS: 4098-71-9

RTECS: NQ9370000

Fraction By Weight: N/K

OSHA PELS 0.005PPM/0.02STEL

ACGIH TLV: 0.005 PPM; 9394

## Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE IRRITATION OF RESPIRATORY SYSTEM. CONTACT MAY CAUSE SKIN AND EYE IRRITATION. INGESTION MAY CAUSE GI TRACT IRRITATION. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN BY NTP, IARC, OR OSHA.

Effects of Overexposure:INHALED: COUGHING, TIGHTNESS OF CHEST, DIFFICULTY IN BREATHING, ASTHMA-LIKE SYMPTOMS. EYES: TEARING, BURNING SENSATION, PAIN, REDNESS. SKIN: LOCAL SWELLING. SORENESS, ITCHING, ALLERGIC SKIN RASH. INGESTED: NAUSEA, VOMITING, DIARRHEA. Medical Cond Aggravated by Exposure:NONE REPORTED.

## First Aid

First Aid:EYE: FLUSH WITH LOTS OF WATER 15 MINUTES. SEE DOCTOR. SKIN: WASH WITH SOAP & WATER. COVER AREA WITH POLYETHYLENE GLYCOL, WASH AGAIN. INHALED: REMOVE TO FRESH AIR. IF ANY OF ABOVE SYMPTOMS PERSIST, GET MEDICAL ATTENTION. INGESTED: GIVE LARGE AMOUNTS OF MILK OR WATER AND GET MEDICAL ATTENTION.

## Fire Fighting

Flash Point Method:PMCC

Flash Point:106F,41C

Lower Limits:1.5

Upper Limits:7.0

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. USE WATER TO COOL HEAT EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:HIGH TEMPERATURES MAY CAUSE PRESSURE BUILD- UP IN HEAT EXPOSED CONTAINERS.

## Accidental Release

Spill Release Procedures:REMOVE IGNITION SOURCES & VENTILATE AREA. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. COVER SPILL WITH INERT ABSORBENT. ADD NEUTRALIZING AGENT AND REACT 10 MINUTES. COLLECT IN CONTAINERS & COVER WITH NEUTRALIZING AGENT. COVER LOOSLY FOR 48 HRS.

Neutralizing Agent:5% CONCENTRATED AMMONIA, 2% DETERGENT, 93% WATER

## Handling



Handling and Storage Precautions:STORE IN COOL, DRY, AREA AWAY FROM IGNITION SOURCES. PROTECT FROM MOISTURE CONTAMINATION AS THIS CAUSES CO2 PRESSURE BUILD-UP IN CLOSED CONTAINERS.  
Other Precautions:DO NOT RESEAL CONTAINERS IF MOISTURE CONTAMINATION IS SUSPECTED.

## Exposure Controls

Respiratory Protection:USE NIOSH MIST/PARTICULATE PROTECTION FOR SPRAYING OPERATIONS. IF IN AN ENCLOSED AREA, USE SUPPLIED AIR RESPIRATOR.  
Ventilation:MAINTAIN EXPOSURES BELOW TLV. USE LOCAL EXHAUST,ESPECIALLY FOR SPRAYING OPERATIONS WHEREVER POSSIBLE.  
Protective Gloves:SOLVENT RESISTANT  
Eye Protection:GOGGLES OR FULL FACE SHIELD  
Other Protective Equipment:DURING SPRAY APPLICATIONS,USE COMPLETE SKIN PROTECTION.  
Work Hygienic Practices:USE CHEMICAL HYGIENE PRACTICE WHEN HANDLING THE PRODUCT AND EXTREME MEASURES DURING SPRAYING OPERATIONS.  
Supplemental Safety and Health  
THIS MSDS COVERS THE PART B OF A 2 PART POLYURETHANE PAINT SYSTEM;  
PR-1141.

## Chemical Properties

HCC:F4  
Spec Gravity:1.02 (WATER=1)  
Evaporation Rate & Reference:0.3 (N-BUTYL ACETATE=1)  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:DARY GRAY LIQUID

## Stability

Stability Indicator/Materials to Avoid:YES  
WATER, ALCOHOLS, BASES, AMINES  
Stability Condition to Avoid:CONTACT WITH INCOMPATIBLES.  
HIGHTEMPERATURES AND SOURCES OF IGNITION.  
Hazardous Decomposition Products:NORMAL PRODUCTS OF HYDROCARBON COMBUSTION PLUS OXIDES OF NITROGEN AND POSSIBLY HYDROGEN CYANIDE.

## Disposal

Waste Disposal Methods:EPA WASTE NO.D-001. DISPOSE OF IN ACCRDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.