

PRODUCTS RESEARCH & CHEMICAL CORPORATION -- PR-1592 AMBER, BLACK, PART B --
5970-01-222-5575

===== Product Identification =====

Product ID:PR-1592 AMBER, BLACK, PART B

MSDS Date:02/07/1989

FSC:5970

NIIN:01-222-5575

MSDS Number: BLFHS

=== Responsible Party ===

Company Name:PRODUCTS RESEARCH & CHEMICAL CORPORATION

Address:410 JERSEY AVE

City:GLOUCESTER CITY

State:NJ

ZIP:08030-2350

Country:US

Info P

Phone Num:609-456-5700

Emergency Phone Num:609-456-5700/800-228-5635

CAGE:05027

=== Contractor Identification ===

Company Name:PRODUCTS RESEARCH & CHEMICAL CORPORATION

Address:410 JERSEY AVE

Box:City:GLOUCESTER CITY

State:NJ

ZIP:08030-2350

Country:US

Phone:818-240-2060]

CAGE:05027

===== Composition/Information on Ingredients =====

Ingred Name:TOLUENEDIISOCYANATE (MIXED ISOMERS) (SARA III)

CAS:26471-62-5

RTECS #:NQ9490000

Other REC Limits:TLV 0.005 PPM

EPA Rpt Qty:100 LBS

DOT

Rpt Qty:100 LBS

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===== Hazards Identification =====
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LD50 LC50 Mixture:TLV FOR TOLUENE DIISOCYANATE - 0.005 PPM

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES: IRRITATION, POSSIBLE REVERSIBLE CORNEAL DAMAGE. SKIN: LOCAL IRRITATION, ALLERGEIC RASH. INHALATION: RESPIRATORY TRACT IRRITATION, DIFFICULTY BREATHING, ASTHMA-LIKE SYMPTOMS. INGESTION: IRRITATION AND POSSIBLE CORROSIVE ACTION IN DIGESTIVE TRACT.

Explanation of Carcinogenicity:TOLUENE DIISOCYANATE LISTED AS CANCER CAUSING AGENT BY NTP AND IARC PER MANUFACTURER.

Effects of Overexposure:EYES: IRRITATION, WATERING, POSSIBLE REVERSIBLE CORNEAL DAMAGE. SKIN: LOCAL IRRITATION AND DISCOLORATION, ALLERGIC REACTIONS. INHALATION: IRRITATION OF NOSE, THROAT, LUNGS AND EYES, SORENESS OF THROAT , TIGHTNESS OF CHEST, DIFFICULTY BREATHING, ASTHMA-LIKE SYMPTOMS. INGESTION:

IRRITATION, CORROSIVE BURNS IN DIGESTIVE TR

Medical Cond Aggravated by Exposure:INDIVIDUAL SUFFERING FROM ASTHMA OR OTHER CHRONIC RESPIRATORY CONDITIONS MAY EXHIBIT A HEIGHTENED SENSITIVITY TO ISOCYANATE AND SHOULD AVOID INHALATION EXPOSURE.

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===== First Aid Measures =====
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First Aid:EYES: FLUSH WITH LUKE WARM WATER FOR 15 MINUTES. IF SYMPTOMS PERSIST, CONSULT PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. IF SYMPTOMS PERSIST, CONSULT A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS ARE PRESENT, CONSULT A PHYSICIAN. INGESTION: GIVE MILK OR WATER TO DRINK. CONSULT A PHYSICIAN.

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===== Fire Fighting Measures =====
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Flash Point:NOT FLAMMABLE

Lower Limits:NONFLAMMABLE

Upper Limits:NONFLAMMABLE

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

Fire Fighting Procedures:USE AIR SUPPLIED RESPIRATOR. USE WATER TO COOL HEAT EXPOSED CONTAINERS.

Unusual Fire/Explosion Haza

rd:HIGH TEMPERATURES MAY CAUSE A PRESSURE
BUILDUP IN CLOSED CONTAINERS.

===== Accidental Release Measures =====

Spill Release Procedures:COVER WITH ABSORBENT MATERIAL, ADD
DECONTAMINATING SOLUTION (5% CONCENTRATED AMMONIA, 2% DETERGENT
AND 93% WATER) AND ALLOW TO REACT FOR 10 MINUTES. COLLECT IN
CONTAINERS, ADD ADDITIONAL DECONTAMINATING SOLUTION AND KEEP
LOOSELY COVERED FOR 48 HOURS

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

===== Handling and Storage =====

Handling and Storage Precautions:AVOID MOISTURE CONTAMINATION WHICH
WILL CAUSE CARBON DIOXIDE PRESSURE. DO NOT RESEAL CONTAINERS IF
MOISTURE CONTAMINATION IS SUSPECTED.

Other Precautions:AVOID INGESTION..

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE AN AIR-SUPPLIED RESPIRATOR.

Ventilation:GENERAL VENTILATION TO MAINTAIN VAPORS BELOW
TLV.

Protective Gloves:SOLVENT RESISTANT GLOVES

Eye Protection:CHEMICAL GOGGLES OR FULL-FACE SHIELD

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT
AND BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

THIS PRODUCT CONTAINS A TOXIC CHEMICAL OR CHEMICALS 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.

===== Physical/Chemical Properties =====

HCC:T7

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:1.06

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:0 %

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

AVOI

D CONTACT WITH WATER, ALCOHOLS, STRONG BASES, AMINES.
Stability Condition to Avoid:AVOID HIGH TEMPERATURES, MOISTURE
Hazardous Decomposition Products:OXIDES OF CARBON AND NITROGEN,
POSSIBLE TRACES OF HCN.

===== Disposal Considerations =====

Waste Disposal Methods:NOT A HAZARDOUS WASTE ACCORDING TO EPA
REGULATIONS. CONSULT STATE AND LOCAL REGULATIONS PRIOR TO DISPOSAL
OF SPILLAGE.

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