

# **Abbey Group Companies**

Abbey Color Incorporated 400 E. Tioga Street Philadelphia, PA 19134 215-739-9960 215-739-9963(fax)

EMERGENCY NUMBER: 1-800-985-2207

# SAFETY DATA SHEET

# **SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: WX9303 Part A SYNONYMS: Safe-T-Seal Part A

PRODUCT CODE: 1500328

SUPPLIER: Abbey Color Incorporated ADDRESS: 400 East Tioga Street Philadelphia, PA 19134

USA

EMERGENCY PHONE: 215-739-9960 ANSWER FIRST PHONE: 800-985-2207 OTHER CALLS: 215-739-9960 FAX: 215-739-9963

PRODUCT USE: Sealant for Cast Iron Pipes carrying Low Pressure Gas PREPARED BY: Abbey Color Incorporated DBA Abbey Products

# **SECTION 2: HAZARDS IDENTIFICATION**

GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS):

Not a hazardous substance or mixture.

LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS:

Not a hazardous substance or mixture.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) OR NOT COVERED BY GHS:

None

# **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**HAZARDOUS SUBSTANCE:** 

No ingredients are hazardous according to OSHA criteria.

No components need to be disclosed according to the applicable regulations.

## **SECTION 4: FIRST AID MEASURES**

**DESCRIPTION OF FIRST AID MEASURES:** 

GENERAL ADVICE: Consult a physician. Show this safety data sheet to the doctor in attendance.



## IN CASE OF EYE CONTACT:

Do not rub the eyes. Keep eyelids open. Immediately rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately get medical advice/attention.

#### IN CASE OF SKIN CONTACT:

Remove/take off contaminated clothing and shoes immediately. Wash with plenty of water and soap. If skin irritation or rash occurs, seek medical advice/attention. Wash contaminated clothing before reuse.

IF INGESTED:

Rinse mouth. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Keep patient warm with a blanket. Immediately get medical advice/attention. If vomiting occurs, push down the head so that the vomited matter from the stomach will not get into the lungs. If breathing is difficult, provide victim with oxygen. If not breathing, give artificial respiration.

IF INHALED:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, provide victim with oxygen. If not breathing, give artificial respiration. Rinse the nose, mouth, and throat with water. Keep patient warm with a blanket. Immediately get medical advice/attention. If vomiting occurs, push down the head so that the vomited matter from the stomach will not get into the lungs.

## MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

Eyes: Splash of the liquid or concentrated vapors may cause severe eye irritation. Severe injuries may result from repeated or prolonged contact. Injuries to the eye may be permanent if not treated immediately.

Inhalation: Excessive exposure to vapors may be irritating to the nose, throat, upper respiratory tract and lungs. Excessive exposure can result in headaches, dizziness, nausea, and narcotic effects; it can be defined as inadequate ventilation for extended periods of time.

Skin Contact: Contact with hot product may cause thermal burns of varying degree. prolonged unprotected contact may cause redness, irritation to the skin, sensitivity, and dermatitis.

Ingestion: If swallowed, this product may cause vomiting, nausea, and diarrhea and may be harmful if swallowed in large amounts.

# INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT:

Maintain adequate ventilation and oxygenation of the patient. May cause respiratory sensitization or asthma-like symptoms. Persons receiving significant exposure should be observed for 24-48 hours for signs of respiratory distress.

## **SECTION 5: FIRE-FIGHTING MEASURES**

#### **SUITABLE EXTINGUISHING MEDIA:**

Use alcohol-resistant foam, dry chemical, carbon dioxide or dry sand.

#### SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Burning produces noxious and toxic fumes. Exposure to decomposition products may be a hazard to health.

## **ADVICE FOR FIREFIGHTERS:**

Fight fire with normal precautions from a reasonable distance. Use water spray to cool unopened containers. Prevent fire extinguishing water from contaminating surface water or the ground water system. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

# **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:

Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves, and eye/face protection.



## **ENVIRONMENTAL PRECAUTIONS:**

Do not flush into surface water or sanitary sewer system.

# METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Supplies of suitable decontaminant/commercial decontaminant should always be kept available. Contain and cover the spillage with inert absorbent (sand, earth, vermiculite, etc.) and decontaminant/commercial decontaminant. Leave to react for at least 30 minutes. Shovel residues into open-top drums and remove for further decontamination if necessary. Clean area with water and additional decontaminant/commercial decontaminant. Test atmosphere for vapors to ensure safe working conditions before other personnel are allowed in the area. Suitable decontaminant solution: Commercial solution or water 90-95%, concentrated ammonia solution 5-10%, liquid detergent 0.2-2%. Ventilate the area.

# **SECTION 7: HANDLING AND STORAGE**

#### PRECAUTIONS FOR SAFE HANDLING:

Handle and open container with care. Use only adequate ventilation. Slacken off drum bungs before heating to prevent any pressure build up. Avoid contact with moisture and prolonged exposure to temperatures above 60°C (140°F). Purge open drums with nitrogen before resealing. Do no use spot heating devices such as band heaters or torches. Make sure contents are completely liquid and uniform before using.

#### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Keep container tightly closed and in a dry, well-ventilated place. Store at room temperature in the original container. Keep under nitrogen. Isocyanate based products react with water liberating carbon dioxide, which can lead to excessive pressure in closed containers, and form solid insoluble polymers, which can block pipes, valves, etc. Contact with copper or copper alloys and galvanized surfaces must be avoided and valves made of these materials must not be used in equipment for storing and handling diisocyanates. Do not store in open containers. Damaged or punctured drums should be empties.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**CONTROL PARAMETERS:** 

Components with Workplace Control Parameters: Contains no substance with occupational exposure

limit values.

EXPOSURE CONTROLS:

Engineering Controls: Effective exhaust ventilation system. Ensure that

extracted air cannot be returned to the workplace through the ventilation system. Ensure that eyewash stations and safety showers are close to

the workstation location.

**Personal Protective Equipment:** 

Eye/Face Protection: Skin Protection:

n Protection:

Handle with gloves. Gloves should be inspected before use. Solvent –resistant gloves (butyl-rubber) recommended. Remove gloves without touching skin. Dispose of contaminated gloves according to applicable

laws. Wash and dry hands.

Safety glasses with side-shields.

Respiratory Protection: In the absence of engineering controls sufficient to maintain airborne concentrations below recommended

occupational exposure limit values, appropriate respiratory protection should be utilized. Due to the poor warning properties regarding the chemical(s) of concern, negative pressure air purifying respirators are not recommended at any exposure level in excess of the

exposure limit values.

Control of Environmental Exposure: Do not let product enter drains.



#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE (COLOR): Light Yellow ODOR: No data available

PHYSICAL STATE: Liquid

pH AS SUPPLIED: No data available **MELTING POINT/FREEZING POINT:** No data available **BOILING POINT:** No data available FLASH POINT: 204°C (399°F) **DENSITY:** No data available **EVAPORATION RATE:** No data available **UPPER FLAMMABILITY LIMIT:** No data available LOWER FLAMMABILITY LIMIT: No data available **VAPOR PRESSURE:** No data available **VAPOR DENSITY:** No data available **SPECIFIC GRAVITY:** No data available WATER SOLUBILITY: No data available **SOLUBILITY IN OTHER SOLVENTS:** No data available PARTITION COEFFICIENT; n-octanol/water: No data available No data available **AUTOIGNITION TEMPERATURE: DECOMPOSITION TEMPERATURE:** No data available VISCOSITY: No data available **EXPLOSIVE PROPERTIES:** No data available **OXIDIZING PROPERTIES:** No data available

## **SECTION 10: STABILITY AND REACTIVITY**

REACTIVITY: No dangerous reaction known under conditions of normal use. Stable

under recommended storage conditions.

CHEMICAL STABILITY: No decomposition if stored and applied as directed.

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization does not occur.

CONDITIONS TO AVOID: Contamination, exposure to moisture, extreme temperatures, and

direct sunlight.

INCOMPATIBLE MATERIALS: Water, alcohols, and strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, unburned hydrocarbons (smoke),

nitrogen oxides (NOx), and Isocyanates.

# **SECTION 11: TOXICOLOGICAL INFORMATION**

## **TOXICOLOGICAL INFORMATION:**

Acute Toxicity: There is no acute toxicity information on this product. Toluene

diisocyanate (TDI) which is contained in this product <0.1% may elicit dermal and pulmonary sensitization and irritation in some individuals. Allergic reactions may develop after inhalation of low concentrations, also several hours after exposure. Regular medical checks, including lung

function, are recommended for long terms and repeated use of

isocyanates.

Skin Corrosion/Irritation: No data available

Eye Damage/Irritation: Remarks: Vapor during processing may be irritating to the

respiratory tract and to the eyes.

Respiratory or Skin Sensitization: Remarks: May cause sensitization of susceptible persons.

Germ Cell Mutagenicity: No data available



Carcinogenicity:

NTP:

OSHA:

IARC: No component of this product presents at levels greater than or

equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC. ACGIH: No component of this product presents at levels greater than or equal to

> 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. No component of this product presents at levels greater than or equal to

0.1% is identified as a carcinogen or potential carcinogen by NTP.

No component of this product presents at levels greater than or equal to

0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive Toxicity: No data available

Further Information: Persons allergic to isocyanates, and particularly those suffering from

> asthma or other respiratory conditions, should not work with isocyanates. If coughing, difficult breathing or other symptoms of poisoning occur, even after several hours, call a physician immediately. Allergic reactions may develop after inhalation of low concentrations, also several hours after exposure. Regular medical checks, including lung function, are

recommended for long term and repeated use of isocyanates.

**SECTION 11 NOTES:** To the best of our knowledge, the chemical, physical, and toxicological

properties have not been thoroughly investigated.

#### **SECTION 12: ECOLOGICAL INFORMATION**

#### **ECOLOGICAL INFORMATION:**

Toxicity to Fish: No data available Persistence and Degradability: No data available No data available **Bioaccumulative Potential:** Mobility in Soil: No data available

PBT/vPvB assessment not available as chemical safety PBT and vPvB Assessment:

assessment not required/not conducted.

Not expected to be acutely toxic to aquatic organisms. An Further Information:

environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Avoid release to the environment. The product itself

has not been tested.

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** Dispose of waste material in compliance with all federal, state, and local

regulations. In well ventilated area, fill drums with several centimeters of water. Leave drum open and slowly shake and roll to allow water contact. Leave open to air for sufficient time to cure. Do not contaminate ponds, waterways, or ditches with chemical or used container. Dispose of wastes in an approved waste disposal facility in accordance with local and

national regulations.

**RCRA HAZARD CLASS:** Not hazardous waste.

# **SECTION 14: TRANSPORT INFORMATION**

DOT: **Not Dangerous Goods** IMDG: **Not Dangerous Goods** IATA: **Not Dangerous Goods** 



#### **SECTION 15: REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS** 

SARA 302 COMPONENTS: No chemicals in this material are subject to the reporting requirements of

SARA Title III, Section 302.

311/312 HAZARD CATEGORIES: No SARA Hazards

313 REPORTABLE INGREDIENTS: This material does not contain any chemical components with known CAS

numbers that exceed the threshold (De Minimis) reporting levels

established by SARA Title III, Section 313.

**STATE REGULATIONS:** 

MASSACHUSETTS RIGHT TO KNOW COMPONENTS:

No components are subject to the Massachusetts Right To Know Act

PENNSYLVANIA RIGHT TO KNOW COMPONENTS:

No components are subject to the Pennsylvania Right To Know Act

NEW JERSEY RIGHT TO KNOW COMPONENTS:

No components are subject to the New Jersey Right To Know Act

**CALIFORNIA PROP. 65 COMPONENTS:** 

WARNING! This product contains a chemical known to the State of California to cause cancer: m-tolylidene diisocyanate CAS: 26471-62-5

**SECTION 16: OTHER INFORMATION** 

**HMIS HAZARD CLASSIFICATION** 

HEALTH: 2 CHRONIC HEALTH: 2 FLAMMABILITY: 1 PHYSICAL HAZARD: 0

NFPA HAZARD CLASSIFICATION

HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 1

PREPARATION INFORMATION: Created 06-17-2015 Last Reviewed 07-01-2021

DISCLAIMER: TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE. HOWEVER, ABBEY COLOR DOES NOT ASSUME 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 THAT MAY PRESENT UNKNOWN HEALTH HAZARDS ARE DESCRIBED HEREIN. WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.





# **Abbey Group Companies**

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EMERGENCY NUMBER: 1-800-985-2207

# SAFETY DATA SHEET

# **SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: WX9303 Part B SYNONYMS: Safe-T-Seal Part B

PRODUCT CODE: 1500228

SUPPLIER: Abbey Color Incorporated ADDRESS: 400 East Tioga Street Philadelphia, PA 19134

USA

EMERGENCY PHONE: 215-739-9960 ANSWER FIRST PHONE: 800-985-2207 OTHER CALLS: 215-739-9960 FAX: 215-739-9963

PRODUCT USE: Sealant for Cast Iron Pipes carrying Low Pressure Gas PREPARED BY: Abbey Color Incorporated DBA Abbey Products

# **SECTION 2: HAZARDS IDENTIFICATION**

GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS):

Acute Toxicity – Oral (Category 4), H302 Acute Toxicity – Dermal (Category 4), H312 Acute Toxicity – Inhalation (Category 4), H332

Specific Target Organ Toxicity - Single Exposure (Category 3), H335

Reproductive Toxicity (Category 2), H361

Specific Target Organ Toxicity - Repeated Exposure (Category 2), H373

## LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS:

Pictogram:



Signal Word: Danger



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Hazard Statement(s):

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H350 May cause cancer.

H361 Suspected of damaging fertility of unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statement(s):

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink, or smoke while using this product.
P271 Use only outdoors or in a well ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301/P310 IF SWALLOWED: Immediately call a POISON CENTER and/or doctor

P302/P352 IF ON SKIN: Wash with plenty of soap and water.

P304/P340 IF INHALED: Remove victim to fresh air and keep comfortable for breathing.

P308/P313 If exposed or concerned: Get medical advice/attention.
P312 Call a POISON CENTER and/or doctor if you feel unwell.
P314 Get medical advice and/or attention if you feel unwell.

P330 Rinse mouth.

P361/P364 Immediately take off contaminated clothing and wash before reuse. P403/P233 Store in well ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container to an approved waste disposal plant in accordance with

specified local/regional/national/international regulations.

# HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) OR NOT COVERED BY GHS:

None

#### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#### **HAZARDOUS SUBSTANCE:**

INGREDIENT:	CAS NO.:	<u>%WT</u>
2-Methylnaphthalene	91-57-6	<3.2%
Naphthalene	91-20-3	<1.8%
1-Methylnaphthalene	90-12-0	<1.6%

#### **SECTION 4: FIRST AID MEASURES**

# **DESCRIPTION OF FIRST AID MEASURES:**

GENERAL ADVICE: Consult a physician. Show this safety data sheet to the doctor in attendance.

# IN CASE OF EYE CONTACT:

Do not rub the eyes. Keep eyelids open. Immediately rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately get medical advice/attention.

## IN CASE OF SKIN CONTACT:

Remove/take off contaminated clothing and shoes immediately. Wash with plenty of water and soap. If skin irritation or rash occurs, seek medical advice/attention. Wash contaminated clothing before reuse.



IF INGESTED: Rinse mouth. Remove victim to fresh air and keep at rest in a position comfortable for

breathing. Keep patient warm with a blanket. Immediately get medical advice/attention. If vomiting occurs, push down the head so that the vomited matter from the stomach will not get into the lungs. If breathing is difficult, provide victim with oxygen. If not breathing, give

artificial respiration.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If

breathing is difficult, provide victim with oxygen. If not breathing, give artificial respiration. Rinse the nose, mouth, and throat with water. Keep patient warm with a blanket. Immediately get medical advice/attention. If vomiting occurs, push down the head so that the vomited

matter from the stomach will not get into the lungs.

## MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

Eyes: Splash of the liquid or concentrated vapors may cause severe eye irritation. Severe injuries may result from repeated or prolonged contact. Injuries to the eye may be permanent if not treated immediately.

Inhalation: Excessive exposure to vapors may be irritating to the nose, throat, upper respiratory tract and lungs. Excessive exposure can result in headaches, dizziness, nausea, and narcotic effects; it can be defined as inadequate ventilation for extended periods of time.

Skin Contact: Contact with hot product may cause thermal burns of varying degree. prolonged unprotected contact may cause redness, irritation to the skin, sensitivity, and dermatitis.

Ingestion: If swallowed, this product may cause vomiting, nausea, and diarrhea and may be harmful if swallowed in large amounts.

## INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT:

Maintain adequate ventilation and oxygenation of the patient. May cause respiratory sensitization or asthma-like symptoms. Persons receiving significant exposure should be observed for 24-48 hours for signs of respiratory distress.

#### **SECTION 5: FIRE-FIGHTING MEASURES**

#### SUITABLE EXTINGUISHING MEDIA:

Use carbon dioxide, dry chemical, or foam.

# SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Carbon oxides, Smoke, Incomplete Combustion products

#### **ADVICE FOR FIREFIGHTERS:**

Wear self-contained breathing apparatus for firefighting. Static accumulating liquid can become electrostatically charged even to bonded and ground equipment. Treat as a highly flammable fuel oil fire. Evacuate area and fight fire from a safe distance.

## **EXPLOSION HAZARDS:**

Vapors from this product may travel or be moved by air currents and ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static, or other ignition sources at locations distant from product handling point.

# SECTION 6: ACCIDENTAL RELEASE MEASURES

# PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:

Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

## **ENVIRONMENTAL PRECAUTIONS:**

Do not let product enter drains.



## METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Remove any sources of ignition and avoid prolonged breathing of vapor when performing any cleanup of spills. Ventilate the area. Absorb the spill by using an inert material (sand, earth, or vermiculate). Handle as a flammable asphalt material/liquid. Use proper disposal containers. Wear appropriate personal protection equipment for the handling of this material.

#### **SECTION 7: HANDLING AND STORAGE**

#### PRECAUTIONS FOR SAFE HANDLING:

Avoid contact with eyes and skin. Avoid breathing vapor. Wash thoroughly after handling. Use adequate ventilation. See section 2 for precautions.

# CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Keep container tightly closed and in a dry well-ventilated place. Avoid moisture and contamination of the stored product.

# **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **CONTROL PARAMETERS:**

CAS No.	Component	Regulation	Value
91-57-6	2-Methylnaphthalene	ACGIH	TWA: 0.5 ppm – skin TWA: 20 ppm, 90 mg/m³
91-57-6	Naphthalene	OSHA ACGIH	TWA: 10 pp, 50 mg/m <sup>3</sup> TWA: 10 ppm – skin
90-12-0	1-Methylnaphthalene	ACGIH	TWA: 0.5 ppm – skin

#### **EXPOSURE CONTROLS:**

Engineering Controls: Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of the work shift. Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations. Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines. Exhaust systems should be designed to move air away from source of vapor/aerosol generation and people working at this point. The odor and irritancy are inadequate to warn

of excessive exposure.

Personal Protective Equipment

Eye/Face Protection: Wear anti-splash chemical goggles with side shields or wear a full face

shield.

Skin Protection: Handle with gloves and boots suitable for this material. Gloves and boots

should be inspected before use. Remove gloves without touching skin. Dispose of contaminated gloves according to applicable laws. Wash and

dry hands.

Respiratory Protection: When atmospheric levels go above guideline, wear an air purifying

respirator equipped with an organic vapor sorbent and a particle filter. Use a positive-pressure air supplying respirator when the atmospheric levels exceed guideline limits beyond the effective use of an air purifying

respirator.

Control of Environmental Exposure: Do not let product enter drains.



#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE (COLOR): Dark/Black
ODOR: No data available

PHYSICAL STATE: Liquid

pH AS SUPPLIED: No data available **MELTING POINT/FREEZING POINT:** No data available **BOILING POINT:** >200°C (>392°F) FLASH POINT: No data available **DENSITY:** No data available **EVAPORATION RATE:** No data available **UPPER FLAMMABILITY LIMIT:** No data available LOWER FLAMMABILITY LIMIT: No data available **VAPOR PRESSURE:** No data available VAPOR DENSITY (AIR=1.0): No data available SPECIFIC GRAVITY (H2O=1): No data available WATER SOLUBILITY: No data available **SOLUBILITY IN OTHER SOLVENTS:** No data available PARTITION COEFFICIENT; n-octanol/water: No data available No data available **AUTOIGNITION TEMPERATURE: DECOMPOSITION TEMPERATURE:** No data available VISCOSITY: No data available **EXPLOSIVE PROPERTIES:** No data available **OXIDIZING PROPERTIES:** No data available

## **SECTION 10: STABILITY AND REACTIVITY**

REACTIVITY: Stable under normal handling condition.
CHEMICAL STABILITY: Stable under normal handling condition.
CONDITIONS TO AVOID: Avoid contact with heat and ignition sources.

INCOMPATIBLE MATERIALS: Oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, aldehydes, aromatics, and other hydrocarbons

# **SECTION 11: TOXICOLOGICAL INFORMATION**

# TOXICOLOGICAL INFORMATION:

Acute Toxicity: Oral: Rats LD50 = 5,270 mg/kg

<u>Dermal</u>: Rabbit LD50 = 2,000 mg/kg <u>Inhalation</u>: Rat LD50 > 4,100 mg/m<sup>3</sup>

Skin Corrosion/Irritation: Slight irritant to rabbit skin. Eye Damage/Irritation: Slight irritant to rabbit eyes.

Skin Sensitization: Not a skin irritant.

Germ Cell Mutagenicity: in vitro Mammalian cell gene mutation assay: Positive

in vitro Bacterial gene mutation assay (S. Typhimuriam): Positive in vitro Bacterial gene mutation assay (Ames test): Positive

in vitro mouse micronucleus Assay: Negative

Carcinogenicity:

NTP:

IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

ACGIH: No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

No component of this product presents at levels greater than or equal to

0.1% is identified as a carcinogen or potential carcinogen by NTP.

OSHA: No component of this product presents at levels greater than or equal to

0.1% is identified as a carcinogen or potential carcinogen by OSHA.



Reproductive Toxicity: Developmental Toxicity NOAWL: 0.05 mg/kg

SECTION 11 NOTES: To the best of our knowledge, the chemical, physical, and toxicological

properties have not been thoroughly investigated.

#### **SECTION 12: ECOLOGICAL INFORMATION**

#### **ECOLOGICAL INFORMATION:**

Toxicity to Fish: Fish: LL50 (96 hour) 79 mg/l (Oncorhynchus mykiss)

No data available

Aquatic invertebrates: EL50 (48 hour) – 2 mg/l (Daphnia magna) Aquatic invertebrates: NOEL (21 day) – 0.27 mg/l (Daphna magna) Algae: ErL50 (72 hour) – 0.75 mg/l (Pseudokirchnerella subcapitata)

Persistence and Degradability:

Bioaccumulative Potential: Mobility in Soil:

Potential: No data available No data available

PBT and vPvB Assessment:

PBT/vPvB assessment not available as chemical safety

assessment not required/not conducted.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Dispose of contents/container appropriately in accordance with

local/regional/national/international regulations.

RCRA HAZARD CLASS: Not hazardous waste.

#### **SECTION 14: TRANSPORT INFORMATION**

**DOT:** Not Dangerous Goods

IMDG: Not Dangerous Goods

IATA: Not Dangerous Goods

# **SECTION 15: REGULATORY INFORMATION**

## **U.S. FEDERAL REGULATIONS**

SARA 302 COMPONENTS: No chemicals in this material are subject to the reporting requirements of

SARA Title III, Section 302.

311/312 HAZARD CATEGORIES: Chronic Health Hazard

313 REPORTABLE INGREDIENTS: This material does not contain any chemical components with known CAS

numbers that exceed the threshold (De Minimis) reporting levels

established by SARA Title III, Section 313.

## **STATE REGULATIONS:**

MASSACHUSETTS RIGHT TO KNOW COMPONENTS:

No components are subject to the Massachusetts Right To Know Act.

PENNSYLVANIA RIGHT TO KNOW COMPONENTS:

No components are subject to the Pennsylvania Right To Know Act.

**NEW JERSEY RIGHT TO KNOW COMPONENTS:** 

No components are subject to the New Jersey Right To Know Act.

**CALIFORNIA PROP. 65 COMPONENTS:** 

This product does not contain any chemicals known to State of California

to cause cancer, birth defects, or any other reproductive harm.



#### **SECTION 16: OTHER INFORMATION**

HMIS HAZARD CLASSIFICATION

HEALTH: 2 CHRONIC HEALTH: 2 FLAMMABILITY: 1 PHYSICAL HAZARD: 0

NFPA HAZARD CLASSIFICATION

HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0

DISCLAIMER: TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE. HOWEVER, ABBEY COLOR DOES NOT ASSUME 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 THAT MAY PRESENT UNKNOWN HEALTH HAZARDS ARE DESCRIBED HEREIN. WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.





# **Abbey Group Companies**

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EMERGENCY NUMBER: 1-800-985-2207

# SAFETY DATA SHEET

# **SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: WX Primer PRODUCT CODE: 1500325

SUPPLIER: Abbey Color Incorporated ADDRESS: 400 East Tioga Street Philadelphia, PA 19134

USA

EMERGENCY PHONE: 215-739-9960
ANSWER FIRST PHONE: 800-985-2207
OTHER CALLS: 215-739-9960
FAX: 215-739-9963

PRODUCT USE: Iron Pipe Primer

PREPARED BY: Abbey Color Incorporated DBA Abbey Products

# **SECTION 2: HAZARDS IDENTIFICATION**

GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS):

Flammable Liquids (Category 2), H225 Skin Corrosion/Irritation (Category 2), H315 Skin Sensitization (Category 1), H317 Eye Damage/Eye Irritation (Category 1), H318 Acute Toxicity – Inhalation (Category 4), H332 Respiratory Sensitization (Category 1), H334

Specific Target Organ Toxicity - Single Exposure (Category 3), H336

Carcinogenicity (Category 2), H351

Specific Target Organ Toxicity - Repeated Exposure (Category 2), H372

# LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS:

Pictograms:





Signal Word: Danger



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Hazard Statement(s):

H225 Highly flammable liquid and vapor.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer.

H372 Causes damage to organs through prolonged or repeated exposure.

#### Precautionary Statement(s):

P201 Obtain special instructions before use.

P202 Do no handle until all safety precautions have been read and understood.
P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P233 Keep container tightly closed.

P240 Ground/Bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/light equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.
P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P264 Wash skin thoroughly after handling.

P270 Do not eat, drink, or smoke while using this product.
P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves/eye protection/face protection.
P284 In case of inadequate ventilation, wear respiratory protection.

P302 Wash with plenty of soap and water

P303/P361/P353 IF ON SKIN: Take off contaminated clothing immediately. Rinse skin with soap and water.

P304/P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305/P351/P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present

and easy to do so.

P308/P313 IF EXPOSED OR CONCERNED: Get medical advice and/or attention.

P312 Call a POISON CENTER and/or doctor if you feel unwell.

P333/P313 IF SKIN IRRITATION OR RASH OCCURS: Get medical advice and/or attention

P342/P311 IF EXPERIENCING RESPIRATORY SYMPTOMS: Call a POISON CENTER and/or doctor.

P352 IF ON SKIN: Wash with plenty of soap and water.

P362 Take off contaminated clothing and wash it before reuse.

P370/P378 IN CASE OF FIRE: Use water spray, alcohol resistant foam, dry chemical and/or carbon

dioxide to extinguish.

P403/P233 Store in a well-ventilated place and keep tightly closed.

P403/P235 Store in a well-ventilated place and keep cool.

P405 Store locked up.

P501 Dispose of contents/container to an approved waste disposal plant in accordance with

specified local/regional/national/international regulations

# HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) OR NOT COVERED BY GHS:

None

## **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

## **HAZARDOUS SUBSTANCE:**

INGREDIENT:	CAS NO.:	<u>%WT</u>
Ethyl acetate	141-78-6	<del>18-30</del> %
n-Butyl acetate	123-86-4	18-30%
1-Methyl-2-acetoxypropane	108-65-6	12-24%
Aromatic Polyisocyanate	Proprietary	12-24%
4,4'-Diphenylmethane Diisocyanate (DMI)	101-68-8	5-17%
Carbon Black dispersion	1333-86-4	1-6%
Silane .	2530-83-8	1-2%



#### **SECTION 4: FIRST AID MEASURES**

## **DESCRIPTION OF FIRST AID MEASURES:**

GENERAL ADVICE: Consult a physician. Show this safety data sheet to the doctor in attendance.

## IN CASE OF EYE CONTACT:

Do not rub the eyes. Keep eyelids open. Immediately rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately get medical advice/attention.

#### IN CASE OF SKIN CONTACT:

Remove/take off contaminated clothing and shoes immediately. Wash with plenty of water and soap. If skin irritation or rash occurs, seek medical advice/attention. Wash contaminated clothing before reuse.

IF INGESTED:

Rinse mouth. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Keep patient warm with a blanket. Immediately get medical advice/attention. If vomiting occurs, push down the head so that the vomited matter from the stomach will not get into the lungs. If breathing is difficult, provide victim with oxygen. If not breathing, give artificial respiration.

IF INHALED:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, provide victim with oxygen. If not breathing, give artificial respiration. Rinse the nose, mouth, and throat with water. Keep patient warm with a blanket. Immediately get medical advice/attention. If vomiting occurs, push down the head so that the vomited matter from the stomach will not get into the lungs.

## MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

Eyes: Splash of the liquid or concentrated vapors may cause severe eye irritation. Severe injuries may result from repeated or prolonged contact. Injuries to the eye may be permanent if not treated immediately.

Inhalation: Excessive exposure to vapors may be irritating to the nose, throat, upper respiratory tract and lungs. Excessive exposure can result in headaches, dizziness, nausea, and narcotic effects; it can be defined as inadequate ventilation for extended periods of time.

Skin Contact: Contact with hot product may cause thermal burns of varying degree. prolonged unprotected contact may cause redness, irritation to the skin, sensitivity, and dermatitis.

Ingestion: If swallowed, this product may cause vomiting, nausea, and diarrhea and may be harmful if swallowed in large amounts.

#### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT:

Maintain adequate ventilation and oxygenation of the patient. May cause respiratory sensitization or asthma-like symptoms. Persons receiving significant exposure should be observed for 24-48 hours for signs of respiratory distress.

## **SECTION 5: FIRE-FIGHTING MEASURES**

# **SUITABLE EXTINGUISHING MEDIA:**

Use carbon dioxide, dry chemical, or foam.

# SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Carbon oxides, Nitrogen oxides (NOx)

## **ADVICE FOR FIREFIGHTERS:**

Wear self-contained breathing apparatus for firefighting. Static accumulating liquid can become electrostatically charged even to bonded and ground equipment. Treat as a highly flammable fuel oil fire. Evacuate area and fight fire from a safe distance.



## **EXPLOSION HAZARDS:**

Vapors from this product may travel or be moved by air currents and ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static, or other ignition sources at locations distant from product handling point.

# **SECTION 6: ACCIDENTAL RELEASE MEASURES**

# PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:

Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

#### **ENVIRONMENTAL PRECAUTIONS:**

Do not let product enter drains.

## METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Remove any sources of ignition and avoid prolonged breathing of vapor when performing any cleanup of spills. Ventilate the area. Absorb the spill by using an inert material (sand, earth, or vermiculate). Handle as a flammable asphalt material/liquid. Use proper disposal containers. Wear appropriate personal protection equipment for the handling of this material.

# **SECTION 7: HANDLING AND STORAGE**

## PRECAUTIONS FOR SAFE HANDLING:

Avoid contact with eyes and skin. Avoid breathing vapor. Wash thoroughly after handling. Use adequate ventilation. See section 2 for precautions.

#### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Keep container tightly closed and in a dry well-ventilated place. Avoid moisture and contamination of the stored product.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **CONTROL PARAMETERS:**

CAS No.	Component	Regulation	Value
141-78-6	Ethyl acetate	OSHA	TWA: 200 ppm, 734 mg/m³
123-86-4	n-Butyl acetate	OSHA ACGIH	TWA: 150 ppm, 710 mg/m³ TWA: 150 ppm
Proprietary	Aromatic Polyisocyanate	OSHA	TWA: 100 ppm, 435 mg/m <sup>3</sup>
101-68-8	4,4'-Diphenylmethane Diisocyanate (DMI)	OSHA ACGIH	TWA: 0.02 ppm, 0.2 mg/m <sup>3</sup> TWA: 0.005ppm
1333-86-4	Carbon Black dispersion	OSHA ACGIH	TWA: 150 ppm, 560 mg/m3 TWA: 20 ppm, 3 mg/m <sup>3</sup>



## **EXPOSURE CONTROLS:**

**Engineering Controls:** Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of the work shift. Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations. Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines. Exhaust systems should be designed to move air away from source of vapor/aerosol generation and people working at this point. The odor and irritancy are inadequate to warn of excessive exposure.

Personal Protective Equipment

Eye/Face Protection: Wear anti-splash chemical goggles with side shields or wear a full face

Skin Protection: Handle with gloves and boots suitable for this material. Gloves and boots

should be inspected before use. Remove gloves without touching skin. Dispose of contaminated gloves according to applicable laws. Wash and

dry hands.

Respiratory Protection: When atmospheric levels go above guideline, wear an air purifying

respirator equipped with an organic vapor sorbent and a particle filter. Use a positive-pressure air supplying respirator when the atmospheric levels exceed guideline limits beyond the effective use of an air purifying

respirator.

Control of Environmental Exposure: Do not let product enter drains.

# **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE (COLOR): Black

ODOR: No data available

PHYSICAL STATE: Liquid

pH AS SUPPLIED: No data available **MELTING POINT/FREEZING POINT:** No data available **BOILING POINT:** 41°C (107°F)

FLASH POINT: 2°C (36°F), closed cup **DENSITY:** Specific gravity 0.95

**EVAPORATION RATE:** 1.0

**UPPER FLAMMABILITY LIMIT:** 1.3-13.1%v. LOWER FLAMMABILITY LIMIT: 1.3-13.1%v. **VAPOR PRESSURE:** No data available VAPOR DENSITY (AIR=1.0): No data available SPECIFIC GRAVITY (H2O=1): No data available **WATER SOLUBILITY:** No data available SOLUBILITY IN OTHER SOLVENTS: No data available No data available PARTITION COEFFICIENT; n-octanol/water: **AUTOIGNITION TEMPERATURE:** No data available **DECOMPOSITION TEMPERATURE:** No data available

VISCOSITY: No data available **EXPLOSIVE PROPERTIES:** No data available **OXIDIZING PROPERTIES:** No data available

# **SECTION 10: STABILITY AND REACTIVITY**

REACTIVITY: Stable under normal handling condition. **CHEMICAL STABILITY:** Stable under normal handling condition.

**POSSIBILITY OF HAZARDOUS REACTIONS:** No data available **CONDITIONS TO AVOID:** Heat, Flame, Sparks **INCOMPATIBLE MATERIALS:** Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2 and Nitrogen oxides (NOx)



#### **SECTION 11: TOXICOLOGICAL INFORMATION**

## **TOXICOLOGICAL INFORMATION:**

Acute Toxicity: Ingestion – Irritation; symptoms may include abdominal pain, nausea,

vomiting, diarrhea

Inhalation – Diisocyanate or polyisocyanate overexposure or single dose can irritate the mucous membranes in the respiratory tract (nose, throat, lung). Symptoms can include chest tightness, wheezing, cough, shortness of breath or asthmatic attack that can be immediate or occur several hours

later.

Skin Corrosion/Irritation: No data available

Eye Damage/Irritation: Irritation, reddening, itching, tearing, swelling – May cause corneal injury.

Skin Sensitization: Reddening, swelling, rash

Germ Cell Mutagenicity: No data available

Carcinogenicity:

IARC: No component of this product presents at levels greater than or equal to

0.1% is identified as a carcinogen or potential carcinogen by IARC.

ACGIH: No component of this product presents at levels greater than or equal to

0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.

No component of this product presents at levels greater than or equal to

0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive Toxicity: No data available

SECTION 11 NOTES: To the best of our knowledge, the chemical, physical, and toxicological

properties have not been thoroughly investigated.

## **SECTION 12: ECOLOGICAL INFORMATION**

NTP:

OSHA:

#### **ECOLOGICAL INFORMATION:**

Toxicity to Fish:

Persistence and Degradability:

Bioaccumulative Potential:

Mobility in Soil:

No data available

No data available

No data available

PBT and vPvB Assessment: PBT/vPvB assessment not available as chemical safety

assessment not required/not conducted.

# **SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Dispose of contents/container appropriately in accordance with

local/regional/national/international regulations.

RCRA HAZARD CLASS: US RCRA D List of Characteristic Hazardous Waste (40CFR 261.21-24);

D001

## **SECTION 14: TRANSPORT INFORMATION**

DOT: UN Number: 1263

Class: 3

Packing Group: I EMS-NO: F-A, S-F Marine Pollutant: No

Proper Shipping Name: Paint related material including paint thinning, drying, removing, or reducing compound



IMDG: UN Number: 1263

Class: 3

Packing Group: I EMS-NO: F-A, S-F Marine Pollutant: No

Proper Shipping Name: PAINT RELATED MATERIAL INCLUDING PAINT THINNING, DRYING, REMOVING, OR

**REDUCING COMPOUND** 

IATA: UN Number: 1263

Class: 3

Packing Group: I

Proper Shipping Name: Paint related material including paint thinning, drying, removing, or reducing compound

# **SECTION 15: REGULATORY INFORMATION**

#### **U.S. FEDERAL REGULATIONS**

SARA 302 COMPONENTS: 2,4-Toluene Diisocyanate; 2,6-Toluene Diisocyanate

311/312 HAZARD CATEGORIES: Acute Health Hazard, Chronic Health Hazard, Fire Hazard

313 REPORTABLE INGREDIENTS: Xylene; Diisocyanate Category N120

## **STATE REGULATIONS:**

MASSACHUSETTS RIGHT TO KNOW COMPONENTS:

Ethyl acetate CAS: 141-78-6

PENNSYLVANIA RIGHT TO KNOW COMPONENTS:

Ethyl acetate CAS: 141-78-6

**NEW JERSEY RIGHT TO KNOW COMPONENTS:** 

Ethyl acetate CAS: 141-78-6

**CALIFORNIA PROP. 65 COMPONENTS:** 

This product does not contain any chemicals known to State of California

to cause cancer, birth defects, or any other reproductive harm.

#### **SECTION 16: OTHER INFORMATION**

**HMIS HAZARD CLASSIFICATION** 

HEALTH: 1 CHRONIC HEALTH: 0 FLAMMABILITY: 3 PHYSICAL HAZARD: 0

NFPA HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0

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