

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: WR100158

Product type: Clear water reducible block coat

Restriction of use: None identified

Company Address: Precision Adhesives and Chemicals
131 Brown Street
Yatesville, PA 18640

Telephone numbers: 570-654-6735

Transport Emergency phone: Chemtrec 800-424-9300

Medical Emergency phone: Poison Control Center 1.877.671.4608

2. HAZARDS IDENTIFICATION

Classification of the Substance or Mixture:

Acute toxicity, Inhalation (Category 4)

Skin irritation (Category 2)

Eye irritation (Category 2A)

Specific target organ toxicity – single exposure (Category 3)

Aspiration hazard (Category 1)

Signal Word: Warning

Hazard Statements:

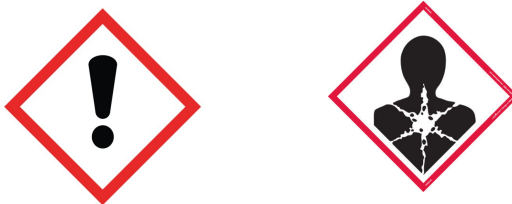
H302: Harmful if swallowed

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness

Pictograms:**Precautionary Statements:**

P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

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

P370+P378: In case of fire; Use water spray, carbon dioxide, dry chemical or alcohol foam for extinction.

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

P332+P313: If skin irritation occurs: Get medical advice/attention.

P363: Wash contaminated clothing before reuse.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331: Do NOT induce vomiting.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component	C.A.S. #	%
ACRYLIC RESIN EMULSION	TRADE SECRET # 00457000-5147P	70-80
WATER	7732-18-5	10-25
ISOPROPYL ALCOHOL	67-63-0	2-8
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	2-8
AMMONIUM HYDROXIDE SOLUTION	1336-21-6	<1
ETHYLENE GLYCOL MONO-2-ETHYLHEXYL ETHER 84% WEIGHT	1559-35-9	
DIETHYLENE GLYCOL MONO-2-ETHYLHEXYL ETHER 15% WEIGHT	1559-36-0	
TRIETHYLENE GLYCOL MONO-2-		<1

ETHYLHEXYL ETHER 1% WEIGHT	1559-37-1	
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4. FIRST AID MEASURES

Eyes

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Skin

Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

Swallowing

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, see medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Note to physicians

Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (see section 3 – Swallowing) when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: respiratory tract, skin, lung (for example, asthma-like conditions), kidney, central nervous system, auditory system. Individuals with preexisting heart disorders may be more susceptible to arrhythmias if exposed to high concentrations of this material.

5. FIRE FIGHTING MEASURES

Flash Point(Method Used): None

None flammable

6. ACCIDENTAL RELEASE MEASURES

Procedures for Cleanup: Absorb with sand, earth, vermiculite. Sweep up and dispose of in accordance with federal, state and local regulations.

Waste Disposal: Dispose of in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Handling and Storage: Store in a cool, dry area, away from flame, sparks, excessive heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous Component	C.A.S. #	ACGIH TWA/ppm	ACGIH STEL/ppm	OSHA TWA/ppm
ACRYLIC RESIN EMULSION	TRADE SECRET # 00457000-5147P	Non Hazardous		
WATER	7732-18-5			
ISOPROPYL ALCOHOL	67-63-0	400	500	40
ETHYLENE GLYCOL MONOBUTYL ETHER (glycol ether EB)	111-76-2	20		50 ppm 240 mg/m ³
AMMONIUM HYDROXIDE SOLUTION	1336-21-6	25		50
ETHYLENE GLYCOL MONO-2-ETHYLHEXYL ETHER 84% WEIGHT	1559-35-9 1559-36-0			
DIETHYLENE GLYCOL MONO-2-ETHYLHEXYL ETHER 15% WEIGHT	1559-37-1			
TRIETHYLENE GLYCOL MONO-2-ETHYLHEXYL ETHER 1% WEIGHT				

Eye protection

Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

Skin Protection

Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory protections

If workplace exposure limits of product or any component are exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSH regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions. Engineering or administrative controls should be implemented to reduce exposure.

Engineering controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV.

Exposure guidelines**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: milky translucent liquid

Density: 8.55 #/gal.

10. STABILITY AND REACTIVITY**Hazardous polymerization**

Product will not undergo hazardous polymerization.

Hazardous decomposition

May form carbon dioxide, carbon monoxide and various hydrocarbons.

Chemical stability

Stable

Incompatibility

Avoid contact with strong alkalis, strong mineral acids, and strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Toxicological information on ethylene glycol monobutyl ether (111-76-2)

Dermal	Dermal LD-50: (Rat): > 2,000 mg/kg Dermal LD-50: (Guinea Pig): > 2,000 mg/kg
Inhalation	Vapour: LC50 (Rat, 3 h): > 4.9 mg/l Vapour: LC0 (Guinea Pig, 1 h): > 3.4 mg/l
Repeated dose toxicity	LOAEL (Rat, Oral Study): 69 mg/kg (Target Organ(s): Liver) NOAEL (Rat, Dermal Study): 150 mg/kg LOAEC (Rat, Inhalation study:): 152 mg/m ³ (Target Organ(s): Blood)
Skin corrosion/irritation	(Rabbit, 24 h): moderate
Serious eye damage/eye irritation	(Rabbit, 24 h): moderate
Respiratory or skin sensitization	Skin Sensitization: (Guinea Pig): Not a skin sensitizer.
Carcinogenicity	Rat, Male and Female: Inhalation ; OECD Test No. 451: Carcinogenicity Studies; Remarks: negative
Toxicity to reproduction	OECD Test No. 416: Two-Generation Reproduction Toxicity Study (Mouse, Male and Female); NOAEL: 720 mg/kg; NOAEL: 720 mg/kg; NOAEL: 720 mg/kg; Ingestion
Developmental toxicity	Rat, Male and Female; NOAEL: 100 mg/kg; NOAEL: 30 mg/kg; Ingestion
Germ cell mutagenicity in vitro	Salmonella typhimurium assay (Ames test): negative
Germ cell mutagenicity in vivo	Chromosomal aberration intraperitoneal injection (Mouse, Male.): negative
Specific target organ toxicity – single exposure	Not classified
Specific target organ toxicity – repeated exposure	Not classified
Aspiration hazard	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

**Toxicological information on ethylene glycol mono-2-ethylhexyl ether 84% weight
diethylene glycol mono-2-ethylhexyl ether 15% weight
triethylene glycol mono-2-ethylhexyl ether 1% weight (1559-35-9, 1559-36-0, 1559-37-1)**

LD50 LC50 Mixture:LD50 RAT ORAL 4674 MG/KG,GUINEA(SEE SUP)

LD50-LC50 MIX:PIG DERMAL >20 ML/KG

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

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

Explanation of Carcinogenicity:NONE

Effects of Overexposure:

eyes:causes irritation.

Skin:causes irritation.ingestion:n/k.

Inhalation:low hazard for usual industrial handling, however,mist or vapor from heated material may cause irritation.

Medical Conditions Aggravated by Exposure:N/K

Toxilogical information on isopropyl alcohol (67-63-0):

Acute toxicity	Not classified
LD50 oral rat	5045 mg/kg (5840 mg/kg bodyweight; Rat; Rat; Experimental value,5840 mg/kg bodyweight; Rat; Rat; Experimental value)
LD50 dermal rabbit	12870 mg/kg (16.4; Rabbit; Rabbit; Experimental value,16.4; Rabbit; Rabbit; Experimental value)
LC50 inhalation rat (mg/l)	73 mg/l/4h (Rat)
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
IARC group	3 - Not classifiable
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified
Symptoms/injuries after inhalation	EXPOSURE TO HIGH CONCENTRATIONS: Coughing. Dry/sore throat. Central nervous system depression. Dizziness. Headache. Narcosis.
Symptoms/injuries after skin contact	Dry skin.
Symptoms/injuries after eye contact	Irritation of the eye tissue.
Symptoms/injuries after ingestion	AFTER ABSORPTION OF HIGH QUANTITIES: Central nervous system depression. Headache. Dilation of the blood vessels. Low arterial pressure. Nausea. Vomiting. Abdominal pain. Disturbed motor response. Disturbances of consciousness. FOLLOWING SYMPTOMS MAY APPEAR LATER: Body temperature fall. Slowing respiration.

Chronic symptoms	ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Red skin. Dry skin. Itching. Cracking of the skin. Skin rash/inflammation. Impaired memory.
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Aspiration hazard	Not classified
Symptoms/injuries after inhalation	EXPOSURE TO HIGH CONCENTRATIONS: Coughing. Dry/sore thro Central nervous system depression. Dizziness. Headache. Narcosis.
Symptoms/injuries after skin contact	Dry skin.
Symptoms/injuries after eye contact	Irritation of the eye tissue.
Symptoms/injuries after ingestion	AFTER ABSORPTION OF HIGH QUANTITIES: Central nervous sys depression. Headache. Dilation of the blood vessels. Low arterial pressu Nausea. Vomiting. Abdominal pain. Disturbed motor response. Disturb of consciousness. FOLLOWING SYMPTOMS MAY APPEAR LATE Body temperature fall. Slowing respiration.
Chronic symptoms	ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Red skin. skin. Itching. Cracking of the skin. Skin rash/inflammation. Impaired memory.

12. ECOLOGICAL INFORMATION

no data

13. DISPOSAL CONSIDERATION

Destroy by liquid incineration in accordance with applicable regulations.

14. TRANSPORT INFORMATION

D.O.T. Shipping Name: Adhesive, Non Flammable HMIS Rating: Health : 0
 D.O.T. Label: None – not DOT regulated Flammability: 0
 Reactivity: 0

15. REGULATORY INFORMATION

Federal and State Regulations:

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: none

California prop. 65 (no significant risk level): none

California prop. 65 (acceptable daily intake level): none

California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: none

California RTK: isopropyl alcohol
Pennsylvania RTK: isopropyl alcohol
Minnesota RTK: isopropyl alcohol
Massachusetts RTK: isopropyl alcohol
New Jersey: isopropyl alcohol
TSCA 8(b) inventory: isopropyl alcohol, Glycol Ether EB
TSCA 8(d) H and S data reporting: isopropyl alcohol
SARA 311-312 health hazard: Glycol Ether EB
SARA 313 toxic chemical notification and release reporting: isopropyl alcohol, Glycol Ether EB
CERCLA: Hazardous substances.: none

Other Regulations:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). Glycol Ether EB

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):

CLASS B2, D2B: isopropyl alcohol

CLASS B/3, D/1/A, D/2/B: Glycol Ether EB

16. OTHER INFORMATION

Updated: 1/30/18

*****SPECIAL COMMENT REGARDING ALL MATERIALS MANUFACTURED*****

All information, recommendations and suggestions appearing herein concerning our products are based upon test data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity and suitability for use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Adhesives and Chemicals as to the effects or such use, the results to be obtained, or the safety and toxicity of the product nor does Adhesives and Chemicals assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be considered as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.