



Section 6 - FIRE & EXPLOSION HAZARD DATA

Flammability: No  
Extinguishing Media: Foam, dry powder, water fog and carbon dioxide gas.  
Flash Point: N.A. (extinction of ignition source at 79° C - closed up).  
Ignition Point: N.D.  
Flammability Limits (% volume): Minimum: 1.3 - Maximum: 9.5 (co solvent).  
Hazardous Combustion Products: Carbon monoxide, carbon dioxide.  
Explosion Data: No  
Special Methods: In the case of major fire, wear self-contained respirator and full protective clothing. Cool nearby containers and structures with water fog.

Section 7 - REACTIVITY DATA

Chemical Stability: Yes.  
Incompatibility: Oxidants, bases and acids.  
Reactivity/Conditions to Avoid: Non-hazardous polymerization with its part B, see technical bulletin. Excessive heat. Material that freeze becomes irretrievable.  
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide when subjected to high temperatures.

Section 8 - PREVENTION

Protection Equipments: Consult safety equipment specialist for more information concerning trade names and models.  
Respiratory Protection: Risk of overexposure is low when product is roller applied at room temperature and in a well ventilated area. However, wear cartridge respiratory mask for organic vapors when product is used in confined areas or when spraying.  
Eye Protection: Splash proof goggles.  
Body Protection: Clothing covering entire arms and legs is recommended.  
Hand Protection: Impervious gloves ( latex, neoprene, ) which cover wrists.  
Shoes: Impervious (thick leather or rubber) are suggested.  
Ventilation: General (and local when spraying).  
Handling: Handle with safe approved handling equipment. Avoid direct contact with product.  
Storage/Transportation: Keep in cool, dry and well-ventilated place. Keep containers upright, hermetically closed. Keep from freezing, material that freezes is irretrievable.  
Spill/Leak Procedure: Ensure adequate ventilation. Contain with inert material. Shovel into waste disposal approved container. Clean normally.  
Waste Disposal: According to Federal regulations.

Section 9 - MATERIAL SAFETY DATA SHEET PREPARATION

LEGEND

N.A.	Not Applicable
N.D.	Not Determined.

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The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for the injury from expressed use of the product described herein.

# Material Safety Data Sheet

## 100WB Clear Epoxy Top Coat

### Part B

Section 1 - PRODUCT DESCRIPTION

Manufactured by: Duochem, Inc.  
Address: 1250 Graham Bell - Boucherville, QC. J4B 6H5

Phone: (450) 655-6421 Fax: (450) 641-4701  
Emergency: (nights & weekends) (450) 464-8291  
Use: Hardener  
WHIMS classification: D2B

### Section 2 - HAZARDOUS INGREDIENTS

Hazardous Ingredients	Concentrate % W.W	Cas No.	LD50 rat-oral	LD50 rabbit skin	LC50 rat-4 hours	Threshold Limit ACGIH
Polyamine resin	15 - 40	N.D.	> 2000 mg/kg	> 2000 mg/kg	N.D.	N.D.
Tetraethylenepentamine (TEPA)	1 - 5	112-57-2				
2-Propanol, 1-Propoxy	5 - 10	1569-01-3	2504 mg/kg	3550 mg/kg	N.D.	N.D.
Benzyl alcohol	5 - 10	100-51-6	1230 mg/kg	2000 mg/kg	1415 ppm	5 ppm

### Section 3 - TOXICOLOGICAL & HEALTH HAZARD DATA

LD50 (rat-oral): > 3022 mg/kg (calculated). LD50 (rabbit skin): > 3349 mg/kg (calculated) LC50 (rat-4 hrs): N.D.

Acute Effect: None known.  
Eyes: Severe irritation may cause damages to the cornea.  
Skin: Irritation, defatting drying of the skin, dermatitis.  
Inhalation: Irritation of respiratory tract (especially when you open containers, or if product is warm or sprayed). Nervous central system depression.  
Ingestion: Nausea, vomiting and diarrhea. Gastro-intestinal irritation. Aspiration of material into the lungs due to the vomiting can cause chemical pneumonitis which can be fatal.  
Chronic Effect: Prolonged or repeated contact may cause skin sensitization and absorption through skin in harmful amount.  
Remark / Warning: Prolonged and/or repeated inhalation may aggravate pre-existing respiratory diseases.

### Section 4 - FIRST AID

Eyes: Wash with plenty of water for at least 15 minutes while maintaining eyelids open. Consult a physician.  
Skin: Wash with mild soap and water. Wash clothing before re-use, discard clothing that cannot be decontaminated. Consult a physician if irritation.  
Inhalation: Remove victim to fresh air. Assist breathing if necessary. Consult a physician if still feeling discomfort.  
Ingestion: Ask for medical help urgently. If victim is conscious, give water or milk. DO NOT INDUCE VOMITING. Keep victim calm and warm.

### Section 5 - PHYSICAL DATA

Physical State: Liquid.  
Odor: Liquid amine and ammonia.  
Appearance: Clear amber.  
Odor Threshold: N.D.  
Vapor Tension: > 7.8 KPa @ 55° C (calculated).  
Boiling Point: 100° C (water)  
Evaporation Rate (N-Butyl acetate=1): < 1  
Oil/Water Distribution Coefficient: N.D.  
Density: 1.02 - 1.05  
Vapor Density (air=1): > 1  
Freezing Point: Approx. 0° C  
PH: 9 - 10

## Material Safety Data Sheet

100WB Clear Epoxy Top Coat  
Part B continued

### Section 6 - FIRE & EXPLOSION HAZARD DATA

Flammability: No.  
Extinguishing Media: Foam, dry powder, water fog and carbon dioxide gas.  
Flash Point: > 100° C - closed up.  
Ignition Point: N.D.  
Flammability Limits (% volume): Minimum: 1.3 - Maximum: 16.9 (co solvent).  
Hazardous Combustion Products: Carbon monoxide, carbon dioxide, hydrocarbons and nitrogen oxides.  
Explosion Data: No.  
Special Methods: In the case of major fire, wear self-contained respirator and full protective clothing. Cool nearby containers and structures with water fog.

Section 7 - REACTIVITY DATA

Chemical Stability: Yes.  
Incompatibility: Oxidants, strong bases.  
Reactivity/Conditions to Avoid: Non hazardous polymerization with its part A, see technical bulletin.  
Excessive heating and freezing.  
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrocarbons and nitrogen oxides when subjected to excessively high temperatures.

Section 8 - PREVENTION

Protection Equipments: Consult safety equipment specialist for more information concerning trade names and models.  
Respiratory Protection: Risk of overexposure is low when product is roller applied at room temperature and in a well ventilated area. However, wear cartridge respiratory mask for organic vapors when product is used in confined areas or when spraying.  
Eye Protection: Splash proof goggles.  
Body Protection: Clothing which covers entire arms and legs is recommended.  
Hand Protection: Impervious gloves (latex, neoprene,...) which cover wrists.  
Shoes: Impervious (thick leather or rubber) are suggested.  
Ventilation: General (and local when spraying).  
Handling: Caution must be taken when opening container not to breath in vapors. Handle with safe approved handling equipment. Avoid direct contact with product.  
Storage/Transportation: Keep in cool, dry and well-ventilated place. Keep containers upright, hermetically closed. Keep from freezing.  
Spill/Leak Procedure: Ensure adequate ventilation. Contain with inert material. Shovel into waste disposal approved container. Clean normally.  
Waste Disposal: According to Federal regulations.

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