



PENETRANT PROFESSOR APPROVED

April 27, 2007

Page 2 of 2

# MSDS for D-76B Developer

NFPA rating	Bulk	Aerosol
Health	1	NA
Flammability	0	NA
Reactivity	0	NA
WHMIS (Canada)	D2B	NA

## 9. PHYSICAL PROPERTIES

Appearance: White powder.  
Solubility in Water: 100 %

## 10. STABILITY and REACTIVITY

Stable under ordinary conditions of use and storage.  
Hazardous Polymerization: Will not occur.  
Incompatibilities: Avoid strong acids and oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

No data available on product.

## 12. ECOLOGICAL INFORMATION

No data available on product.

## 13. DISPOSAL CONSIDERATION

Dispose of container and unused contents as a solid waste.

## 14. TRANSPORTATION

### DOT Information- 49CFR172.101

	Bulk	Aerosol
Shipping name:	Talc in Bulk	na
Label:	none	na
Hazard class:	none	na
Identification #:	none	na
Packing Group:	none	na

### IATA

	Bulk	Aerosol
Shipping name:	not regulated	na
Label:	none	na
Hazard class:	none	na
Identification #:	none	na
Packing Group:	none	na

## 15. REGULATORY INFORMATION

TSCA: Listed  
CERCLA RQ- 49CFR302.4(a): None listed  
SARA 302 Components-40CFR355 appendix A: None  
Section 311/312 Hazard Class-40CFR370.2: Immediate (X), Delayed (X), Fire ( ), Reactive ( ), Sudden release of pressure ( )  
SARA 313 components-40CFR372.65: None.  
California Proposition 65 requires the following statement-product may contain detectable amounts of substances known to the state of California to cause cancer.

## 16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

Note: MSDS information is for as supplied powder and may not be applicable to the in use material, which is used in water at 2 lbs./gal.

Supersedes MSDS dated 1/3/2005

MSDS- D-76B-2/4/07





PENETRANT PROFESSOR APPROVED

# MSDS for D-76B Developer

NFPA rating	Bulk	Aerosol
Health	1	NA
Flammability	0	NA
Reactivity	0	NA
WHMIS (Canada)	D2B	NA

April 27, 2007

Page 1 of 2

## 1. IDENTIFICATION

Company: Met-L-Chek Company  
 Address: 1639 Euclid Street, Santa Monica, California 90404 USA  
 Telephone: 310-450-1111(Off-Hour Emergency: Chemtrec 1-800-424-9300).  
 Generic ID: AMS-2644 Type I, Methods B, C, & D, Form "b", Developer.  
 Product Use: NDT Penetrant Inspection per ASTM E-1417.

## 2. COMPOSITION

Ingredients	CAS #	% by Weight (in bulk)	% by Weight (in aerosol)
Sodium Benzoate	532-32-1	50-70	na

## 3. HEALTH HAZARDS: Dust Hazard

Eye Contact: Abrasive,irritation, redness, tearing, stinging and possible swelling of eyes.  
 Skin Contact: May cause dry skin irritation with prolonged or repeated contact.  
 Swallowing: Small amounts may not produce harmful effects. Large amounts may be harmful.  
 Inhalation: Airborne dust may cause irritaion of mucous membranes and respiratory tract.  
 Over Exposure: Stomach or intestinal upset ( nausea, vomiting, diarrhea), irritation (nose, throat, airways).

## 4. FIRST AID

Eyes: Flush eyes with clean water holding eyelids open. Seek medical attention.  
 Skin: Remove contaminated clothing. Wash exposed area with soap and water. Apply moisturizing lotion. Launder clothing before reuse. Clean shoes before reuse.  
 Swallowing:Do not induce vomiting. Small amounts are not expected to cause significant harm.  
 Inhalation: Remove to fresh air. If breathing is difficult seek medical attention.

## 5. FIRE HAZARDS

Flash Point: na  
 Explosive Limit: not established  
 Autoignition Temperature: not established  
 Hazardous Products of Combustion: not combustible.  
 Fire and Explosion Hazards: dust.  
 Fire Fighting Instructions: Follow procedures for surrounding materials.

## 6. ACCIDENTAL RELEASE MEASURES

Spill: Remove all sources of ignition. Wear protective eye and inhalation gear. Vacuum or wet sweep material and collect in an appropriate container. Do not flush to sewer.

## 7. HANDLING and STORAGE

Handling: Protect against physical damage. Store in a cool, dry well-ventilated location, away from areas where fire hazard or ignition sources may exist. Store and use in NO SMOKING area. Empty containers may contain residue powder.

## 8. EXPOSURE CONTROLS and PERSONAL PROTECTION

Eye Protection: Dust tight goggles.  
 Skin Protection: Wear resistant gloves, and clothing to cover arms and legs.  
 OSHA Exposure Limits: (VPEL): not known for this product  
 ACGIH Threshold Limit:(TLV): not known for this product  
 Ventilation System: A system of local or general exhaust is recommended to keep employee exposure below the airborne exposure limits. Personal Respirators (NIOSH approved) if exposure limit is exceeded.

MSDS-D-76B-1/4/07

