

Product Data Sheet D-76B Water Soluble Developer



Met-L-Chek Company manufactures a complete line of developers used in the fluorescent (**Type 1**) and visible (**Type 2**) dye penetrant inspection process. All Met-L-Chek Company developers are qualified to **AMS-2644** and are sold under the *Met-L-Chek*® and **Pen-Chek**® trademarks. Met-L-Chek Company products are manufactured under license in The Netherlands by NDT Europa.

The use of a developer is required by most penetrant inspection specifications. The developer draws the penetrant from the flaw and creates a uniform surface on which to view the penetrant indication. **D-76B** is used with fluorescent (**Type 1**), **Method B & D** penetrants as form "b" developer per **AMS-2644** and **ASTM E-1417**. This form of developer powder is dissolved in water and applied to the inspection surface after the surface penetrant has been removed and before the part is dried. This form of developer is generally applied by immersion dip, flow on, or gentle air less spray, prior to the drying process. A uniform film will form during the drying. Most specifications do not allow the use of this form of developer with Method A (water washable) penetrants.

BATH PREPARATION: Use a tank that has little or no plumbing in it. The nooks and crannies in piping are a favorite place for bacteria to breed and to hide. It is difficult to get into these spots to clean them, and once they become infected they will continue to give trouble. Clean and sterilize the tank before you use it. Cleaning can be done with detergent and a brush, and many users follow this with steam cleaning. Once the tank is clean, sterilize it with swimming pool bleach, by making up the solution, filling tank, and letting it sit overnight. Drain the tank and rinse it with fresh water. This must be done to be sure that the bleach is gone. The bleach contains chlorine, which is harmful to many metals.

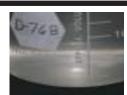
Weigh out the amount of developer powder that is required. **D-76B** is qualified at a concentration of **2 lb/gl(240g/L)**. Lower concentrations will form thinner films and result in shorter bath life. If at all possible use distilled or deionized water to minimize mineral and bacteriological problems. If warm water can be used it will dissolve the developer powder faster. Agitation of the bath during make up will also make the powder dissolve faster. Add the water to the tank, then add the powder: The solution concentration can be checked by using a hydrometer that has a range of 1.000 to 1.200. Evaporation causes the concentration to rise and this can be corrected by adding water, stirring and rechecking the hydrometer reading. This should be done daily. A rough control guide is 1/4 lb/gl(30g/L) of developer will cause roughly a 0.008 change in the specific gravity.

Check the solution daily for color and clearness. The solution should be clear and transparent. There should be no suspended material, strings of algae or other obvious growths or cloudiness. This daily check is especially important if the inspection process involves the processing of baskets of parts that are made of dissimilar metals. These metals can set up an electrical current that can produce cloudiness of the solution. This color change is a sign that the developer constituents are becoming contaminated and indication detection interference may be encountered. Biologically bad developer solution will absorb fluorescence causing false indications or even masking relevant indications. The growths will also begin to evolve noxious odors which makes continued use unpleasant. Biologically contaminated solutions will need to be disposed of and the tank & plumbing sterilized before making a fresh bath.

After parts have been dipped into the developer, put them immediately into the dryer. Allowing part to remain in the wet developer, or to sit while wet for a period of time before drying can cause the penetrant to bleed from the defects, resulting in dim blurry indications. Immediate drying produces the best results. The dryer temperature should be set at the maximum allowable temperature of $160^{\circ}F(71^{\circ}C)$. If the surface of the part looks bluish under ultra violet light (UV-A) , it is an indication that the parts have been in the developer bath too long and the bath is becoming contaminated with penetrant.







D-76B developer solution



Fluorescent penetrant indication on D-76B



Product Data Sheet D-76B Water Soluble Developer

Typical Physical Properties

Form: white grainy powder

Density: 717.1 g/L Flash Point: none Fluorescence: none Coating: thin white film

Removability with water: complete Corrosion of aluminum: none Corrosion of carbon steel: none Corrosion of magnesium: none Corrosion of stainless steel: none Corrosion of titanium: none

Chloride content: < 1000 ppm (0.1%)Sulfur content: < 1000 ppm (0.1%)

Chromate: none Asbestos: none Mercury: none VOC's: 0 g/L

Ozone layer depleting substances: none

PCB's: none

The warranty shelf life of the product is 2 years from date of batch approval.

Specifications

AMS-2644 AMS-2647 ASME B & PV code sec V **ASTM E-165 ASTM E-1417 ISO-3452**

Product Availability

NSN #'s 10 lb.(4.5K) box 10 lb. 6850-01-121-0952 20 lb.(9K) box 20 lb. 6850-00-782-2720

25 lb.(11.3K) box

50 lb.(22.7K) box 50 lb. 6850-01-121-0953 Concentration Control @ 15.5°C(60°F)

2.00 lb/gl(240g/L) -1.068 1.75 lb/gl(210g/L) - 1.060 1.50 lb/gl(180g/L) - 1.052 1.25 lb/gl(150g/L) - 1.044 1.00 lb/gl(120g/L) - 1.036

0.25 lb/gl(30g/L) addition will shift specific gravity by 0.008.

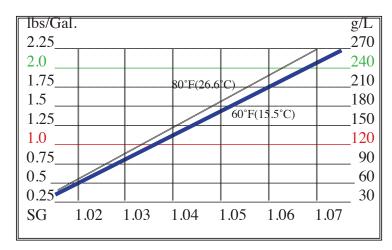


Chart is not precise and is provided as a guide only. Specific Gravity readings are effected by temperature. For uniform comparisons make all readings at the same temperature.

GHS Information

Warning

GHS: Hazard Statements:

H303: May be harmful if swallowed H333: May be harmful if inhaled

GHS Precautionary Statements:

P102: Keep out of reach of children. **P233:** Keep container tightly closed.

P261: Avoid breathing dust, fumes/gas/mist/vapors/spray. **P280:** Wear protective glove/clothing/eye protection/face

protection.

P284: În case of inadequate ventilation wear respiratory protection.



GHS Response Statements:

IF INHALED: Remove person to fresh air and keep comfortable for breathing, get medical advice/attention if you feel

IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical advice/attention. **IF IN EYES:** Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easily to do. Continue rinsing, get medical attention.

IF SWALLOWED: Rinse mouth, Do Not induce vomiting, get medical attention if feeling unwell.

IF ON CLOTHING: Take off contaminated clothing and wash before reuse.

Transport:

DOT - not regulated IATA- not regulated IMDG- not regulated

Met-L-Chek Company, 1639 Euclid Street, Santa Monica, California, 90404, U.S.A. Phone: 310-450-1111, Fax: 310-452-4046, Email: info@met-l-chek.com, Web: www.met-l-chek.com



D-78B Water Suspendable Developer

Met-L-Chek Company manufactures a complete line of developers used in the fluorescent (**Type 1**) and visible (**Type 2**) dye penetrant inspection process. All Met-L-Chek Company developers are qualified to **AMS-2644** and are sold under the *Met-L-Chek*® and **Pen-Chek**® trademarks. Met-L-Chek Company products are manufactured under license in The Netherlands by NDT Europa.

The use of a developer is required by most penetrant inspection specifications. The developer draws the penetrant from the flaw and creates a uniform surface on which to view the penetrant indication. **D-78B** is used with fluorescent (**Type 1**), and visible (**Type 2**) penetrants as a form "c" developer per **AMS-2644** and **ASTM E-1417**. This form of developer powder is dispersed in water and applied to the inspection surface after the surface penetrant has been removed and before the part is dried. This form of developer is generally applied by immersion dip, flow on, or gentle air less spray, prior to the drying process. A uniform film will form during the drying. The developer particles will settle out of solution upon standing and as such will require continuous agitation during use.

BATH PREPARATION: Use a tank that has little or no plumbing in it. The nooks and crannies in piping are a favorite place for bacteria to breed and to hide. It is difficult to get into these spots to clean them, and once they become infected they will continue to give trouble. Clean and sterilize the tank before you use it. Cleaning can be done with detergent and a brush, and many users follow this with steam cleaning. Once the tank is clean, sterilize it with swimming pool bleach, by making up the solution, filling tank, and letting it sit overnight. Drain the tank and rinse it with fresh water. This must be done to be sure that the bleach is gone. The bleach contains chlorine, which is harmful to many metals.

Weigh out the amount of developer powder that is required. **D-78B** is qualified at a concentration of 1/2 lb/gl(60 g/L) for fluorescent penetrants and 2 lb/gl(240 g/L) for visible penetrants. If at all possible use distilled or deionized water to minimize mineral and bacteriological problems. Agitation of the bath during make up and during use will ensure uniform dispersion of the developer powder, which will settle upon standing. Add the water to the tank, then add the powder: The solution concentration can be checked by using a hydrometer that has a range of 1.000 to 1.200. Evaporation causes the concentration to rise and this can be corrected by adding water, stirring and rechecking the hydrometer reading.

Check the solution daily for color and clearness. The solution should be milky but free of discolored objects, strings of algae or other obvious growths. This daily check is especially important if the inspection process involves the processing of baskets of parts that are made of dissimilar metals. These metals can set up an electrical current that can produce discoloration of the solution. This color change is a sign that the developer constituents are becoming contaminated and indication detection interference may be encountered. Biologically bad developer solution will absorb fluorescence causing false indications or even masking relevant indications. The growths will also begin to evolve noxious odors which makes continued use unpleasant. Biologically contaminated solutions will need to be disposed of and the tank & plumbing sterilized before making a fresh bath.

After parts have been dipped into the developer, put them immediately into the dryer. Allowing part to remain in the wet developer, or to sit while wet for a period of time before drying can cause the penetrant to bleed from the defects, resulting in dim blurry indications. Immediate drying produces the best results. The dryer temperature should be set at the maximum allowable temperature of 160°F(71°C). If the surface of the part looks bluish under ultra violet light (UV-A), or pinkish it is an indication that the parts have been in the developer bath too long and the bath is becoming contaminated with penetrant.

D-78B developer solution





Fluorescent penetrant indication on D-78B



D-78B Water Suspendable Developer

Typical Physical Properties

Form: white coarse powder

Density: 313 g/L Flash Point: none Fluorescence: none Coating: white film

Removability with water: complete Corrosion of aluminum: none Corrosion of carbon steel: none Corrosion of magnesium: none Corrosion of stainless steel: none Corrosion of titanium: none

Chloride content: < 10000 ppm (1%) Sulfur content: < 10000 ppm (1%)

Chromate: none Asbestos: none Mercury: none VOC's: 0 g/L

Ozone layer depleting substances: none

PCB's: none

The warranty shelf life of the product is 2 years from date of batch approval.

Specifications

AMS-2644 ASME B & PV code sec V **ASTM E-1417**

AMS-2647 ASTM E-165 ISO-3452

Product Availability

10 lb.(4.5K) box 25 lb.(11.3K) box 50 lb.(22.7K) box NSN #'s

10 lb. 6850-01-264-8684

Concentration Control @ 15.5°C(60°F)

2.00 lb/gl(240g/L) -1.130

1.75 lb/gl(210g/L) - 1.113 1.50 lb/gl(180g/L) - 1.096 1.25 lb/gl(150g/L) - 1.080 1.00 lb/gl(120g/L) - 1.0650.75 lb/gl(90g/L) - 1.047

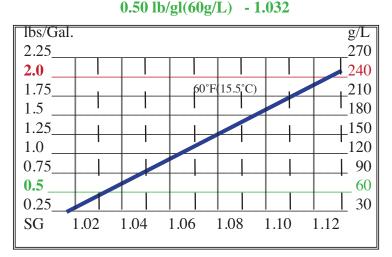


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GHS Information

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GHS Precautionary Statements:

P102: Keep out of reach of children. **P233:** Keep container tightly closed.

P261: Avoid breathing dust, fumes/gas/mist/vapors/spray.

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

P284: În case of inadequate ventilation wear respiratory protection.



GHS Response Statements:

IF INHALED: Remove person to fresh air and keep comfortable for breathing, get medical advice/attention if you feel

IF ON SKIN: Wash with plenty of water. If skin irritation occurs,

get medical advice/attention. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easily to do. Continue rinsing, get medical attention.

IF SWALLOWED: Rinse mouth, Do Not induce vomiting, get medical attention if feeling unwell.

IF ON CLOTHING: Take off contaminated clothing and wash before reuse.

Transport:

DOT - not regulated IATA- not regulated IMDG- not regulated

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Product Data Sheet 1 10/2015 D-702 High Temperature Developer

Met-L-Chek Company manufactures a complete line of developers used in the fluorescent (**Type 1**) and visible (**Type 2**) dye penetrant inspection process. Met-L-Chek Company high temperature developer, **D-702**, is qualified to **Mil-I-25135** as a special application developer and is sold under the *Met-L-Chek*® and **Pen-Chek**® trademarks. Met-L-Chek Company products are manufactured under license in The Netherlands by NDT Europa.

D-702 is a special application high temperature inspection developer, form "f", used with high temperature visible penetrant **VP-302** to enhance detection of surface cracks and porosity on hot surfaces. The use range is **51.6** °C - **176.6** °C (**125**°F - **350**°F). **D-702** is applied after the surface penetrant has been removed. **D-702** is applied by spraying, either from a portable compressed gas spray pack or by conventional spray gun. The developer consists of absorbent powder suspended in a volatile solvent blend. **D-702** dries quickly and produces a thin white film, which is easily removed with water after inspection. This type of developer contains flammable solvents and should not be used in confined spaces or near open flames or sparks. The use on hot surfaces does not pose a significant fire hazard in the open air.

D-702 is listed on the approved products list for Mil-I-25135C It is low in Sulfur, Chlorine, Fluorine and other Halogens, making it safe for use on Titanium and high Nickel alloys found in nuclear components.

D-702 finds wide use in field weld and weld repair inspection. It is used in the inspection of refinery processing equipment that is at elevated temperatures, speeding up the inspection process time by eliminating the total cool down required for standard penetrant.

Operator must take precautions when working on hot surface to prevent burns. Protective gloves are recommended.

Guide to METHOD "C" wipe off processing

- 1. Part must be clean, dry and at a temperature of 52°-177°C (125°-350°F) before penetrant is applied. Test surface temperature by applying a small drop of penetrant on the part surface. If the color turns brown to black in a minute the surface is too hot to inspect. Allow to cool until red color persists.
- 2. Apply **VP-302** penetrant using spray or wipe on.
- 3. Wait a minimum of 1-5 minutes for penetrant to thin and enter flaws.
- 4. Using **R-502** high temperature remover on wiping media, wipe off surface penetrant.
- 5. Spray on thin even film of **D-702** high temperature developer.
- 6. Wait a minimum of 1-5 minutes before inspection. On higher temperature surfaces color may begin to fade with prolonged time. Use illumination of $>1100 \text{ lux/m}^2$ (>100 foot candles) to inspect.



High temperature penetrant **VP-302** crack indication on **D-702** developer film.



Portable spray packs for applying **D-702** high temperature developer.





D-702 High Temperature Developer

Typical Physical Properties

Form: hazy liquid Density: 950g/L

Flash Point: > 11.6°C (>54°F)

Fluorescence: none

Dry Coating: thin white film

Removability with water: complete Corrosion of aluminum: none Corrosion of carbon steel: none Corrosion of magnesium: none

Corrosion of stainless steel: none Corrosion of titanium: none

Chloride content: < 100 ppm (0.01%)Fluoride content: < 50 ppm (0.005%)Sulfur content: < 200 ppm (0.02%)

Mercury: none VOC's: 0 g/L

Ozone layer depleting substances: none

PCB's: none

The warranty shelf life of the product is 3 years from date of batch approval.

Specifications

ASME B & PV code sec V ASTM E-165 **ASTM E-1417 ISO-3452**

Mil-I-25135C, Interim AM-4

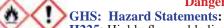
NAVSEA-250-1500-1, Rev17, ACN-5

Product Availability

1 pint (0.473L) metal can 1 gallon (3.7L) metal can 5 gallon (18.9L) metal pail



GHS Information



H225: Highly flammable liquid and vapor. **H319:** Causes serious eye irritation.

Danger

H336: May cause drowsiness or dizziness

GHS Precautionary Statements:

P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P261: Avoid breathing fumes/gas/mist/vapors/spray. **P280:** Wear protective glove/clothing/eye protection/face

protection.

P284: În case of inadequate ventilation wear respiratory protection

GHS Response Statements:

IF INHALED: Remove person to fresh air and keep comfortable for breathing, get medical advice/attention if you feel

IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical advice/attention. **IF IN EYES:** Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easily to do. Continue rinsing, get medical attention.

IF SWALLOWED: Rinse mouth, Do Not induce vomiting, get medical attention if feeling unwell.

IF ON CLOTHING: Take off contaminated clothing and wash before reuse.

DOT -UN 1219, Isopropanol, class 3, packing group II, .



Product Data Sheet D-70 Nonaqueous Developer



Met-L-Chek Company manufactures a complete line of developers used in the fluorescent (**Type 1**) and visible (**Type 2**) dye penetrant inspection process. All Met-L-Chek Company developers are qualified to **AMS-2644** and are sold under the *Met-L-Chek*® and **Pen-Chek**® trademarks. Met-L-Chek Company products are manufactured under license in The Netherlands by NDT Europa.

The use of a developer is required by most penetrant inspection specifications. The developer draws the penetrant from the flaw and creates a uniform surface on which to view the penetrant indication. **D-70** is used with fluorescent penetrants as form "d" and with visible penetrants as form "e". It is applied after the surface penetrant has been removed and the inspection surface dried. **D-70** nonaqueous developer consists of absorbent powder suspended in a volatile solvent. The developer particles will settle out upon standing, requiring agitation prior to application. This type of developer is most commonly used in aerosol cans, but may also be bulk sprayed using a paint sprayer. The solvent action of this type of developer helps bring the penetrant to the surface enhancing the detectability of the finest flaws. This type of developer uses flammable solvents and should not be used in confined spaces or near open flames or sparks.

D-70 is approved by Boeing, Edf, GE, Pratt & Whitney, **ISO- 3452** and is the qualification standard for **AMS-2644**. It is low in Sulfur, Sodium, Chlorine, Fluorine and other Halogens, making it safe for use on Titanium and high Nickel alloys found in aerospace, medical and nuclear components.

D-70 finds wide use in weld inspection in ship building and weld repairs. It is used in heat exchanger inspection in what is called the through leak method where penetrant is applied to one side and the **D-70** to the other. After a prescribed penetration time the developer coating is inspected for penetrant indications which highlight a through leak.

D-70 has been used by automotive manufacturers to assist in locating oil and gas leaks in engine components and hydraulic lines. The area of interest is cleaned and the developer applied. The engine is run and the oil leak will appear as a dark spot on the white coating. Reminiscent of the old oil and whiting inspection used by railroads before the advent of modern penetrant inspection materials.

D-70 has been used in the 3-D laser scanning of automobiles and exotic components where it is used to reduce interference glare from shinier surfaces. It has been used to assist in the installation of aircraft doors as a marker for fit adjustments. All these applications require a low toxicity material that is readily removed with a water spray leaving a residue free surface.

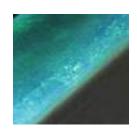
Visible penetrant crack indication on D-70





Typical aerosol application of D-70 during a weld inspection.

Fluorescent penetrant crack indication on D-70





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D-70 Nonaqueous Developer

Typical Physical Properties

Form: milky liquid Density: 851 g/L

Flash Point: 11.6°C (54°F)

Fluorescence: none

Dry Coating: smooth white

Removability with water: complete

Corrosion of aluminum: none Corrosion of carbon steel: none Corrosion of magnesium: none Corrosion of stainless steel: none

Corrosion of titanium: none

Chloride content: 100 ppm (0.01%) Fluoride content: < 50 ppm (0.005%) Sodium content: 200 ppm (0.02%) Sulfur content: 100 ppm (0.01%)

Mercury: none VOC's: 750 g/L

Ozone layer depleting substances: none

PCB's: none

The warranty shelf life of the product is 5 years from date of batch approval.

Specifications

AMS-2644 AMS-2647

ASME B & PV code sec V

ASTM E-165 ASTM E-1417 ISO-3452 PMC-4357 RR CSS-232 RCC-M

Snecma DMC0010 rev J, sensibilité S2, S3, S4

NSN #'s

1 gallon can 6850-01-265-2742

1 gallon can for **Type 2** 6850-01-265-2743

5 gallon pail 6850-00-782-2728

5 gallon pail for **Type 1** 6850-01-264-8679

5 gallon pail for **Type 2** 6850-01-264-8680

Product Availability

12 x 16oz (400ml) vol. aerosol(net wt 300g or 10.5oz)

1 gallon (3.7L) metal can 5 gallon (18.9L) metal pail





GHS Information



Danger

GHS: Hazard Statements:

H225: Highly flammable liquid and vapor.

*H229: Pressurized container: may burst if heated.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness

GHS Precautionary Statements:

P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P261: Avoid breathing fumes/gas/mist/vapors/spray.

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

P284: In case of inadequate ventilation wear respiratory protection

*P410: Protect from sunlight.

*P412: Do not expose to temperatures exceeding 50°C/122°F

* Specific to aerosof cans

GHS Response Statements:

IF INHALED: Remove person to fresh air and keep comfortable for breathing, get medical advice/attention if you feel unwell.

IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical advice/attention.IF IN EYES: Rinse cautiously with water for several minutes.

IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses, if present and easily to do. Continue rinsing, get medical attention.

IF SWALLOWED: Rinse mouth, Do Not induce vomiting, get medical attention if feeling unwell.

IF ON CLOTHING: Take off contaminated clothing and wash before reuse.

Transport:

Bulk - UN 1219, Isopropanol, class 3, packing group II, .

Aerosol:DOT- Limited Quantity.

Aerosol:IATA- UN 1950, Aerosol, flammable, class 2.1,

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Product Data Sheet D-72A Dry Powder Developer



Met-L-Chek Company manufactures a complete line of developers used in the fluorescent (**Type 1**) and visible (**Type 2**) dye penetrant inspection process. All Met-L-Chek Company developers are qualified to **AMS-2644** and are sold under the *Met-L-Chek*® and **Pen-Chek**® trademarks. Met-L-Chek Company products are manufactured under license in The Netherlands by NDT Europa.

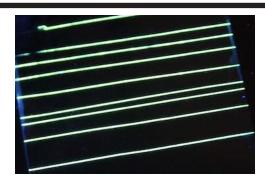
The use of a developer is required by most penetrant inspection specifications. The developer draws the penetrant from the flaw and creates a uniform surface on which to view the penetrant indication. **D-72A** is used with fluorescent penetrants as form "a" developer per **AMS-2644** and **ASTM E-1417**. It is applied after the surface penetrant has been removed and the inspection surface dried. **D-72A** dry powder developer consists of light fluffy absorbent, low toxicity powders. The particles are very light and will float in the air and are considered a nuisance dust. This form of developer is generally applied in special storm or dust chamber equipment, but may also be dusted on to parts with a feather duster, or electrostatic spray. If sprayed avoid build up of a heavy developer film. A very fine dusting is the recommended coverage. The developer film is easily removed from the part surface with water after inspection.

D-72A is approved by Boeing, GE, Pratt & Whitney, SNECMA, and **ISO- 3452.** It is low in Sulfur, Sodium, Chlorine, Fluorine and other Halogens, making it safe for use on Titanium and high Nickel alloys found in aerospace, medical and nuclear components.

D-72A has been demonstrated to work with red (**Type 2**) dye penetrants on rough castings for gross defect detection when applied by electrostatic spray, but this method is not addressed by current specifications.



D-72A powder



Fluorescent penetrant indications with D-72A





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D-72A Dry Powder Developer

Typical Physical Properties

Form: white fluffy powder

Density: 160 g/L Flash Point: none Fluorescence: none Coating: light dusty

Removability with water: complete Corrosion of aluminum: none Corrosion of carbon steel: none Corrosion of magnesium: none Corrosion of stainless steel: none Corrosion of titanium: none

Chloride content: < 100 ppm (0.01%) Fluoride content: < 50 ppm (0.005%) Sodium content: < 100 ppm (0.01%) Sulfur content: < 200 ppm (0.02%)

Mercury: none VOC's: 0 g/L

Ozone layer depleting substances: none

PCB's: none

The warranty shelf life of the product is 5 years from date of batch approval.

Specifications

AMS-2644 AMS-2647

ASME B & PV code sec V

ASTM E-165 ASTM E-1417 ISO-3452 PMC-4356

R-R CSS-232 R-R Omat #606C Snecma DMC0010 rev J, sensibilité S2, S3, S4

Product Availability NSN #'s

10 lb.(4.5K) box 10 lb 6850-01-264-8682

25 lb.(11.3K) box

1 pint can (0.4L) with dauber 6.5g(2.2oz)





GHS Information

Warning

GHS: Hazard Statements:

H303: May be harmful if swallowed **H333:** May be harmful if inhaled

GHS Precautionary Statements:

P102: Keep out of reach of children. **P233:** Keep container tightly closed.

P261: Avoid breathing dust, fumes/gas/mist/vapors/spray.

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

P284: In case of inadequate ventilation wear respiratory protection.



GHS Response Statements:

IF INHALED: Remove person to fresh air and keep comfortable for breathing, get medical advice/attention if you feel unwell.

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IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses, if present and easily to do. Continue rinsing, get medical attention.

IF SWALLOWED: Rinse mouth, Do Not induce vomiting, get medical attention if feeling unwell.

IF ON CLOTHING: Take off contaminated clothing and wash before reuse.

Transport:

DOT - not regulated IATA- not regulated IMDG- not regulated

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