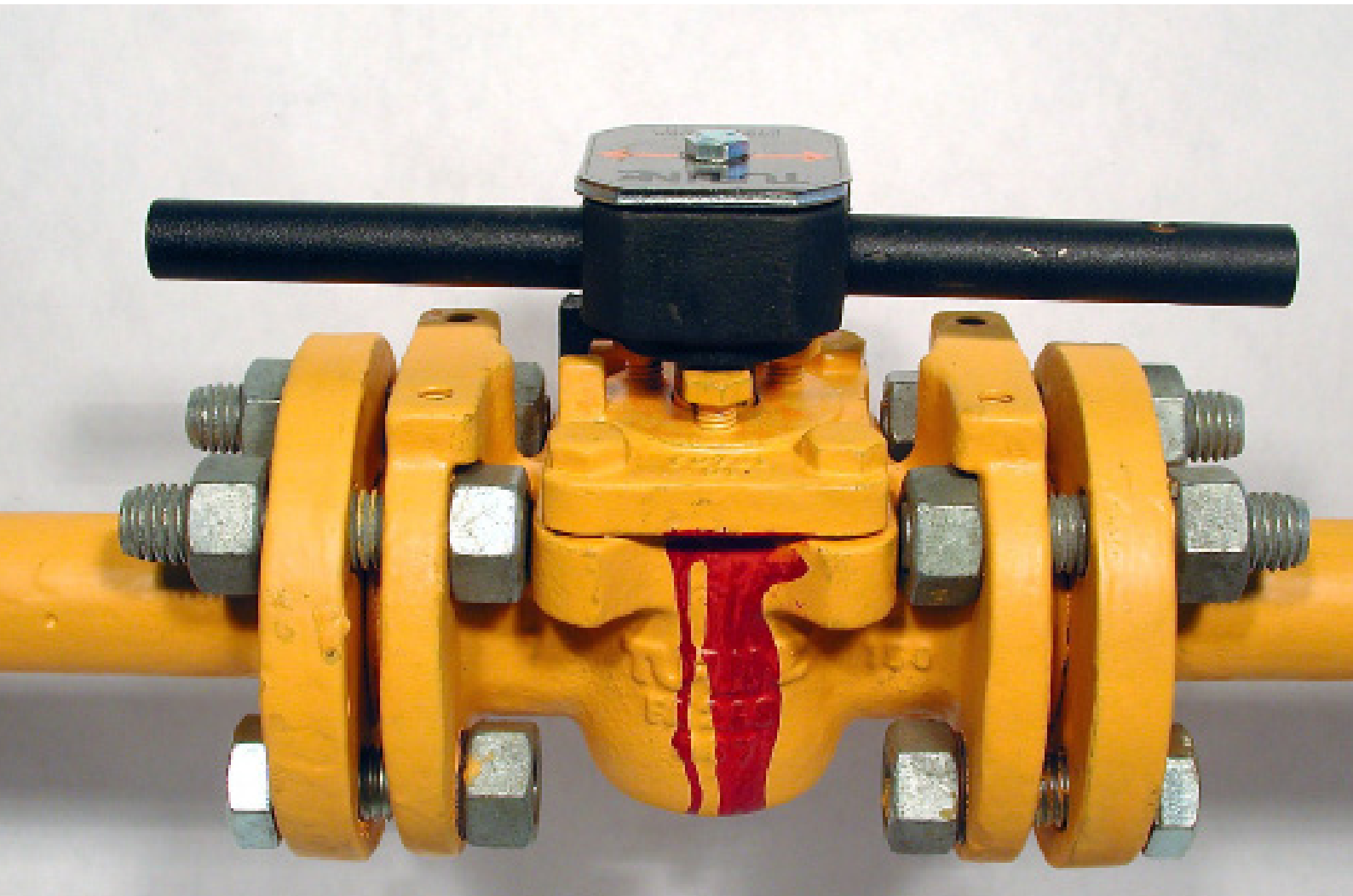


NOVUS ACID ALERT SYSTEM



**IMMEDIATE VISUAL DETECTION FOR
LEAKING ACIDS & ACID VAPOURS**

Creating an effective, safe and sustainable environment exceeding the needs of industry

Product Description:

Novus Acid Alert System is a durable, industrial coating with a unique acid-sensitive component which allows for an immediate visual detection when exposed to acid or acid vapors. The patented golden yellow brush on paint turns brilliant red at pH 3 and below. The Acid Alert System provides an immediate visual indication of a spill or leak, often at quantities that are too small to trigger an exposure with conventional detection devices. This is a lead-free, all-organic, acrylic modified, alkyd enamel. Use on potentially hazardous surfaces such as valves, pipes, pumps, flow indicators, threaded connections, flanges, hose connections, tanks, sample ports, clamps, weld sites, expansion joints, truck tanker or tanker car domes, or any place where an accidental leak or spill may occur. The reaction of to acids pH 3 or lower is instantaneous. Novus Acid Alert protects employees, expensive equipment and the environment. Visually detects leaks before the situation becomes catastrophic. Enhances on-site Safety and Hazmat programs.

**GOLDEN YELLOW PAINT TURNS BRILLIANT RED
AT PH 3 AND BELOW**

PATENTED - BRUSH - ON FORMULA - VOC COMPLIANT

Helps to isolate the origin of the leak



**Reverses from red to yellow when leak is repaired
and acid is rinsed with our neutralizer**



Benefits

- Instantly Identify acidity
- Reduce Hazards
- Enhance OH&S Programs
- Protect Staff
- Minimize Risk
- Increase Asset Reliability

Use on:

- Flanges
- Valves
- Pipes and Tanks
- Weld Sites
- Sample Ports
- Secondary Containment Facilities
- Weld Sites
- Sample Ports
- Laboratory Surfaces
- Weep Holes
- Anywhere Accidental Leaks / Spills May Occur
- Tank Farms

Detects the presence of:

- Citric Acid
- Hydrochloric Acid & Vapor
- Chlorine
- Hydrofluoric Acid & Vapor
- Oxalic Acid
- Nitric Acid and NOx Vapor
- Trifluoroacetic Acid
- Sulfuric Acid
- Phosphoric Acid
- Glacial Acetic Acid & Vapor
- Perchloric Acid
- Other Acids and Acid Gases

Quality Products

Available in:

- 3.79 ltr – Gallon
- 0.94 ltr – Quart
- 354 ml - 12 oz Aerosol

FAQ

What is the Acid Detection Paint, and how does it work? The Acid detection paint is an Acrylic Modified Alkyd Enamel acid indicating paint that is formulated for industrial applications. It immediately turns from GOLDEN YELLOW to BRILLIANT RED almost instantaneously in the presence of acids and acid vapors pH3 or below.

What is different and unique about the Acid Detection Paint? The Patented Acid Detection Paint REVERSES its color and turns back to GOLDEN YELLOW when the acid leak has been repaired and the painted surface is flushed with water or a mild alkaline solution. It verifies the repair and is ready to detect another leak.

Do you need to strip off and reappplied after each acid exposure? NO! Simply flush with tap water or a mild alkaline solution until the golden yellow color returns and is ready to reveal the next leak incident.

How is it applied? It is designed as a brush-on formula. Apply it as you would any other quality exterior paint product to 0.1 mm dry thickness, which equates to 2-3 brush coats, using a quality brush or roller. Spraying is an option, allow adequate dry time.

Does a primer coat need to be applied? It is strongly recommended using a quality grade primer when applied over raw metal. The surfaces need to be clean, dry, oil and rust free. We now offer a quality primer and strongly recommend its use.

Can it be applied over existing paint? YES can be applied over existing paint as long as surfaces are clean, dry, oil and rust free. Once applied, how long does it last? It should last a minimum of two years "outside" or better than two and one half years if used "inside". Under exceptionally harsh conditions, such as temperatures above 93°C, visual checks should be made at 6-12 months. If it begins turning light brown, repainting will be necessary. The shelf life is one year in the factory-sealed can at ambient temperature.

Who is using the detection system and where is it used? Many Alkylation Refineries and Chlorine Facilities in the U.S. and around the world are now using the Acid Detection Paint, including Processors and transporters of acids. Also those responsible for EMPLOYEE SAFETY, ENVIRONMENTAL PROTECTION and PRODUCT INTEGRITY.

Is it helpful if there is an acid sensing system in the area? Yes! If a sensor is triggered, check the area for a revealing "RED" leak site. Saves time, speeds repair and improves EMPLOYEE SAFETY by identifying the leak from a distance. Our Acid detection system may actually reveal a leak before electronic "sniffers" when there is a very low volume leak.



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