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BONOMI
INDUSTRIES

BONOMI INDUSTRIES SRL

VIA PADANA SUPERIORE 29 FRAZ. CILIVERGHE 25080 MAZZANO (BS) ITALY

Tel.: +39 030 212441 - Fax: +39 030 2629498

www.bonomiindustries.com - info@rubvalves.com

Società soggetta ad attività di direzione e coordinamento di HADRON S.R.L.

TECHNICAL DATA SHEET SILICONE BAD EFFECTS ON PAINTING PROCESS

TDS 0025

Issued by RS

Issued date 15/04/2009

Rev.2

Rev date 02/01/2019

Silicone is among major painting contamination culprits that cause fish eyes, which look like little craters where the paint pull away from the center, which occurs immediately upon spraying. Fish eyes are caused by contamination of the surface to be sprayed, or of the devices used to apply paint.

It must be noted that, once silicone contaminates a surface, it is impossible to remove it without using a chemical process so aggressive that dissolves the paint itself.

Once silicone gets the surface of the parts, it is nearly impossible to completely remove it. For that reason industrial customers who use painting processes in their plants will often demand that any plumbing item they buy, including valves, and even liquids used in production (like cutting oils and detergents used to clean valve parts) are silicon-free.



Small, crater-like openings in the finish caused by contamination on the surface being painted



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MEC. BS 010832 - Registro Imprese di Brescia - COD. FISC. E P.IVA IT00300000171 - CAP.SOC. € 1.500.000 I.V