



SILICON HD 55

ANTI-ADHESIVE GLIDING LUBRICANTS

CHARACTERISTICS

SILICON HD 55 are a range of silicone-based and colourless compounds designed to increase the efficiency of many industrial operations taking advantage of the protecting, anti-adhesive and lubricating properties of the silicones. **SILICON HD 55**, which are steady at temperatures ranging from -40°C to +250°C, boast many interesting features such as:

- Reduce the friction and the static electricity leaving a very subtle molecular layer;
- Do not cause rubbery and sticky effects since they do not contain neither rubber nor resin;
- High temperature resistant, without hardening or dripping;
- Completely odourless and colourless. Do not actually turn neither sour nor yellow;
- Harmless and non-flammable (see chemical-physical properties).

For any requirement the following **SILICON HD 55** are available in our range:

- **SILICON HD 55/S**: solvent-based product with safety solvent
- **SILICON HD 55/A**: water-based and water-soluble product
- **SILICON HD 55 S/N.I./L**: solvent-based non-flammable product
- **SILICON HD 55 EXTRA**: According to the German BGVV regulation, paragraph 15, this product is suitable for direct contact with food.

In the range of **SILICON HD 55**, it is available the spray version of the following products:

- **SILICON HD 55**: product sold in spray cans
- **SILICON HD 55 N.I.**: non-flammable product, and the propellant, too.
- **SILICON HD 55 EXTRA**: product with a high amount of active ingredients

APPLICATION RANGE

SILICON HD 55 work in many fields properly:

- ❖ in *food industries* as a lubricating and anti-adhesive agent for packaging machines, sliding planes, barbecues, trays, knives, conveyors, in order to prevent the adhesion and to facilitate the removal of the products;

- ❖ in *graphic industries* for bending machines, staplers, wrapping machines, file folders and cutters;
- ❖ in *footwear industries* for cutters, sewing and cutting machines, gluing machines;
- ❖ in *plastics, textile, rubber and furniture industries*.

CHEMICAL-PHYSICAL PROPERTIES HD 55/S

Physical state: liquid
Colour: colourless
Odour: odourless
Solubility in water: insoluble
Flash point: > 61°C

CHEMICAL-PHYSICAL PROPERTIES HD 55/A

Physical state: liquid
Colour: white
Odour: odourless
Solubility in water: completely soluble
Flammability: non-flammable

CHEMICAL-PHYSICAL PROPERTIES HD 55 S/N.I./L

Physical state: liquid
Colour: colourless
Odour: ethereal
Solubility in water: insoluble
Flammability: non-flammable

CHEMICAL-PHYSICAL PROPERTIES HD 55 EXTRA

Physical state: liquid
Colour: colourless
Odour: odourless
Solubility in water: insoluble
Flammability: non-flammable

CHEMICAL-PHYSICAL PROPERTIES HD 55 SPRAY

Physical state: aerosol
Colour: colourless
Odour: typical
Solubility in water: insoluble
Flammability: flammable (only **N.I.** is non-flammable)

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ACCA S.p.A. – Chemical Industry

PRODUCTS FOR PRODUCTION AND INDUSTRIAL MAINTENANCE

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COMPANY WITH A CERTIFIED
QUALITY MANAGEMENT SYSTEM
ACCORDING TO UNI EN ISO 9001
OHSAS 18001 - EN ISO 14001