



The Original with optimised ATTBLIME® Cyclododecane

Free of harmful pigments like Adamantane and Titanium Dioxide

Free of Solvents

Residue-free sublimation; no cleaning required

Unique ATTBLIME SHC® Spray Pattern

Layer Thickness: 32 µm

Approved and used by Scanning experts for Automotive and Aerospace

Reflective, dark or shiny surfaces are difficult or sometimes even impossible to capture with optical 3D scanners. To mattify the surfaces to be measured, ATTBLIME® Scanning sprays can be sprayed before scanning which gives an accurate dimensional accuracy. This can be sprayed very thinly and evenly onto the surfaces to be recorded, so that high contrast values are created and even the smallest surface details are recorded.

The sublimating ATTBLIME version AB24 is based on an optimised version of the substance ATTBLIME® Cyclododecane, which has been tried and tested for many years, and is characterised by complete sublimation with a service life of up to 6 hours. The spray applied evaporates without leaving any residue on the component. Subsequent cleaning of the component is not necessary. The even spray pattern has a layer thickness of < 32 µm in AB24.

Why ATTBLIME® Cyclododecane ?

ATTBLIME® Cyclododecane is specially treated and modified to create a very thin, homogeneous and a uniform layer that is completely residue-free unlike the other conventional cyclododecane or adamantane based products. Owing to its unique properties, ATTBLIME® Cyclododecane sprays require significantly less "after-spraying" due to its longer service life and thus protecting the environment while also making it significantly cost-economical.

Our key ingredient - Cyclododecane is an organic compound and the most stable representative in its family. It does not bioaccumulate in aquatic organisms and is therefore completely harmless to humans and the environment. It is non-toxic, non-carcinogenic and label free according to GHS "Globally Harmonised System".

According to SGS Institut Fresenius, no residual Cyclododecane could be detected 24 hours after an application of ATTBLIME AB2 making the product 100% Residue-free.





ATTBLIME® AB24 is a preferred choice for experts in the field of Conservation and Restoration, Art and Architecture for applications in museums and critical applications where artefacts, fossils, other valuable and priceless objects are to be preserved and protected. It acts as a temporary a temporary consolidant for treatment of artworks, including paintings, textiles and stone. Used for temporary consolidation, adhesion, cleaning and protection during transport.

To know more on how ATTBLIME® AB24 or ATTBLIME® Cyclododecane can be used in your application, please write to us.

ATTBLIME SHC®

The spray cans are equipped with the unique SHC® system (spray-head-change-system), which allows the user to choose between vertical and horizontal, as well as wide and narrow exit angles, to control the film thicknesses and thus sublimation times.



Round spray head

Round spray pattern for high definition details. Shorter sublimation time due to a fine application.



Variable spray head (rotatable)

For a vertical and horizontal spray pattern. Longer sublimation time due to large area application.

Areas of Application/ Industry

- Automotive
 - Aerospace
 - Engineering
 - Art
 - Conservation and Restoration
 - Architecture
 - Medical
 - Digital Archiving
 - Optical Metrology
 - Research and Development
 - Measurement Services
- and many more*

PRODUCT CHARACTERISTICS

Form	Transparent Liquid
Basis	Solvent-free
Propellent (aerosol)	Propane/Butane
Colour	White
Pigment	Pigment-free
Key Ingredient	ATTBLIME® Cyclododecane
Free Scan Time (FST)* hrs	12 - 24 hours
Sublimation Time	24 - 48 hours
Type	Sublimating/ Self-evaporating
Residue	NIL
Film formation	Instant
Coating thickness	32 µm
Application	3D Scanning Art and Conservation
Replaces	Conventional Developer Paint Non-evaporating Sprays
Adherence of Reference points on film	Yes
Size of Component	Small to Large
Surface Compatibility	all types of material**
Toxicology	Non-Toxic
Area Coverage (m2)	3 - 3.5
Spray mechanism	ATTBLIME SHC®
Spray Distance	5 - 10 cm's
Storage Temperature	5-45 °C
Shelf Life	5 years
Form / Pack Size	400ml Aerosols
Case Size	6 or 12

* FST - Free Scan Time is the actual intact duration that the coated layer stays before sublimation begins.
** Check compatibility on a test patch before use. Not advisable for us on 1K lacquered paints.

Application of ATTBLIME® AB24

Hold the can upright and spray a single even layer from a distance of 5-10 cm's onto the object to be scanned. Scan the object in a usual manner. The layer will disappear with NIL residue.

Storage

Store in well-ventilated area away from heat sources. Do not expose to temperatures exceeding +45° C

Health and Safety

Review all relevant health and safety information before using the product. For complete health and safety information, refer to Safety Data Sheet.