



Aerosol Additives for Dry Film Lubricants and Penetrants



Solid Lubricant Aerosol Additives

Differentiate yourself...

...with a global provider of solid lubricant dispersions for aerosol technology

Our line of finely dispersed solid lubricant additives and coatings, such as DAG®, MOLYDAG®, EMRALON® and SLA™ products, provides superior performance for diverse markets and demanding requirements. Compatible with a wide range of aerosol chemistry and additive packages, Henkel dispersions help you deliver differentiated products to your market, and profits to your company.

Dispersed Solid Lubricant Aerosol Concentrates							
Product*	Pigment Type	% Solids by Weight	Particle Size (Median by Volume)	Carrier	Color	Primary Applications	Features and Benefits
EMRALON® 309	PTFE	20	0.3-0.6 μ	IPA	Translucent White	Assembly/anti-seize, engine components, machinery components, window guides, solenoid plungers, storage bins, conveyor components, electrically insulative coatings, chemical processing equipment, moving parts (wood, metal, plastic, fabric, rubber)	Clean/low friction dry film lubrication. Robust aerosol chemistry/additive compatibility. Small particle size – no clogging of nozzles. Excellent adhesion to most substrates. Extends equipment life. Minimum pretreatment. Minimizes formulation costs while achieving stable and effective performance.
DAG® 2404	Graphite	10	2-4 μ	Mineral Spirits	Black	Chains/conveyors, hot zone bearing lubrication, assembly/anti-seize, locking mechanisms, general machinery component penetration and lubrication	Excellent aerosol chemistry/additive compatibility. Small particle size – no clogging of nozzles. Superior penetration and lubrication extending equipment life. Minimizes formulation costs while achieving stable and effective performance.
DAG 154®	Graphite	20	2-4 μ	IPA	Black	Assembly/anti-seize, engine components, machinery components, static bleed, opaque coating, impregnation of fibers and paper, general lubrication on all substrates	Robust aerosol chemistry/additive compatibility. Small particle size – no clogging of nozzles. Excellent adhesion to most substrates. Minimum pretreatment. Conductive (<2.4 k ohms/sq. @ 1 mil dry film thickness).
MOLYDAG® 210	MoS ₂	20	0.5 μ	IPA	Grey-green	Assembly/anti-seize, engine components and 'break-in', machinery components, automotive and industrial gaskets, opaque coating, general lubrication, extreme pressure and wear applications, electrically insulative	Superior extreme pressure lubrication. Robust aerosol chemistry/additive compatibility. Small particle size – no clogging of nozzles. Excellent adhesion to most substrates. Extends equipment life. Minimum pretreatment. Minimizes formulation costs while achieving stable and effective performance.
SLA™ 1720	BN	20	0.5 μ	IPA	Translucent White	Release coatings, penetrating and dry film lubricants, chain/conveyor lubrication, general machinery and component lubrication, extreme high and low temperature resistance, chemical processing equipment, electrically insulative coatings	Translucent. Dry film lubrication. Highly lubricous hexagonal boron nitride "white graphite." Fine particle size will not clog spray nozzles. Differentiated product against traditional graphite, MoS ₂ or PTFE lubricants. Stable aerosol chemistry/additive compatibility, Minimizes formulation costs while achieving stable and effective performance.
SLA™ 2020	CERFLON®	22	0.5 μ	IPA	Translucent White	Penetrating and dry film lubricants, chain/conveyor lubricants, release coatings, assembly lubrication, impregnant for fibers and paper, automotive components, chemical processing equipment, electrically insulative coatings. Non-stick surface for: paper process rolls, textile dryer cans and packaging seal bars. General lubrication on all substrates.	Features CERFLON® patented technology to "ceramically reinforce" the PTFE/BN. White/translucent color. Low friction lubrication. Increased durability and application range over traditional solid additives.

Dispersion Formulation Science



Some advantages of using Henkel's Acheson™ solid lubricant additives and dry film lubricant products in your aerosol package include:

- Superior dispersion technology which resists settling and clogging of spray nozzles
- Tight particle size distribution of micron to sub-micron particles
- Clean, dry film lubrication that reduces friction and wear
- Robust chemical and propellant compatibility
- Resistant to mild chemicals and corrosion
- Resists temperature extremes
- Excellent penetration and boundary lubrication



For direct contact with Henkel in your area, please call or fax:

Henkel Corporation
32100 Stephenson Highway
Madison Heights, MI 48071
U.S.A
Tel: +1.866.332.7024
Fax: +1.248.589.4629
www.henkelna.com/metals

