

Product Data Sheet

No. **23452** - 05/23

RELIABLE RELEASE

LECITHIN MOLD RELEASE

Aerosol and Bulk Liquid

PRODUCT NUMBERS: 3452 13-OZ. NET WT. AEROSOL

Product number plus letter designation is as follows:

G = 2 one-gallon cans per case; F = 1 five-gallon pail; D = 50-gallon drum

I. GENERAL DESCRIPTION

Description: Lecithin is a paintable mold release which may be used for metal die molding, thermoset plastics, epoxy resins, nylons, and polyethylene in a non-chlorinated formulation.

Benefits: Withstands temperatures up to 500°F (260°C) on substrate. This is the most versatile non-silicone mold release available.

Application: Use on compression molding, fluorocompound, polyesters, and polystyrenes. This versatile mold release may be used where painting, adhesive bonding, heat sealing, or laminating is to be done to the finished product.

Directions: Aerosol: Align sprayhead with black mark on valve rim to ensure complete evacuation. Before spraying, shake the can vigorously for 10 to 20 seconds and intermittently thereafter. For best results, product should be used at temperatures between 60° and 80°F (16° and 27°C). Hold can 8 to 10 inches from mold cavity or other item to be sprayed. Use smooth motion to spray on an even coat. Bulk: Apply with a clean sprayer in the same manner as the aerosol application. Do not use on electrical equipment or machinery while in operation.

Limitations: Please refer to the Safety Data Sheet for specific information on material hazards, etc.

Packaging:

Aerosol:	Cans 20 oz.	13 oz. net wt. (369 grams)	19.5 fl. oz. (577 ml)
	12 cans/case	15 lbs. (6.8 kg)	0.55 CF (0.016 CM)
Bulk:	1 case of 2 gallons (mt. f)	14 lbs. (6.4 kg)	1.0 CF (0.028 CM)
	5-gallon pail (mt. rd)	33 lbs. (15.0 kg)	1.2 CF (0.034 CM)
	50-gallon drum (mt. rd)	332 lbs. (150.6 kg)	8.5 CF (0.241 CM)



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II. CHARACTERISTICS & PROPERTIES

Specifications:

Lecithin is classified "Generally Regarded as Safe (GRAS)" by the FDA.

Appearance:

Non-foaming liquid

Color:

Clear, transparent

Odor:

Hydrocarbon

Dry Schedule: (at 77° F [25° C], 50% Humidity at 1 mil, dry)

< 1 minute

Performance and Chemical Properties:

	Aerosol	Bulk
Weight per gallon	5.4 lbs.....	8.5 lbs.
Specific gravity	0.65	0.70
Viscosity at 70°F (21°C)	Not Applicable	2 cp@60 rpm sp #2
Flammability: Label marking	Extremely Flammable.....	Extremely Flammable
Flash point.....	<0° F (-18° C).....	<0° F (-18° C)
Operating temperature range.....	40° to 110° F (5° to 43° C).....	40° to 110° F (5° to 43° C)
Pour point.....	Not applicable.....	7%
Active ingredients by weight.....	5%	7%
Volatile Organic Compound level	95%	93%
EPA VOC limit	Not regulated.....	Not regulated
CARB MIR limit	<1.1	Not regulated
Temperature resistance.....	500°F (260°C)	500°F (260°C)
Penetrating ability.....	Excellent.....	Excellent
Corrosion protection.....	Good.....	Good
Food contact rating (lecithin).....	GRAS	GRAS

Base Materials

Resin system.....	Lecithin	Lecithin
Solvents (top two)	Hexane	Hexane
Propellant system.....	Hydrocarbon.....	Not applicable

III. SHIPPING, STORAGE AND HEALTH

	Aerosol	Bulk
UN number.....	UN1950.....	UN1208
Proper Shipping Description	Aerosols	Hexanes Mixture
Hazard Class.....	2.1.....	3
Packing Group	N/A.....	PG II
Limited Quantity	Yes.....	No
Warehouse storage level number	NFPA 30B Level 3.....	N/A
Storage temperature	32° to 120°F (0° to 49°C).....	32° to 120°F (0° to 49°C)
Shelf life	1 to 5 years.....	3 to 5 years
HMIS ratings		
Health.....	1	2
Fire	4	3
Reactivity.....	1	0

IV. MISCELLANEOUS

Contains no Ozone Depleting Substances (O.D.S.)

V. WARRANTY

1-year performance warranty on all products from date of purchase. Report to home office or local Aerovee representative for examination. Because Seller cannot control Buyer's handling or use of product, Seller makes no warranty expressed or implied when not used or stored in accordance with directions. Seller shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement of product or credit of purchase

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