



Special Effect Films

RMS Packaging Inc.
1050 Lower South St.
Peekskill, NY 10566
914-205-2070

Material Safety Data Sheet

Aurora® 8531 RR, RG, BG, BV

Revision date : 2008/11/26
Version: 1.0

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(30308996/MDS_GEN_US/EN)

1. Substance/preparation and company identification

Company

RMS Packaging Inc.
1050 Lower South St.
Peekskill, NY 10566

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
140-88-5	0.0 - 0.02 %	Polyester / Copolyester(s) Acrylic Copolymer(s) ethyl acrylate

3. Hazard identification

Emergency overview

Note: This product does not require a MSDS or labelling under OSHA's Hazard Communication Standard because it meets the definition of an article (20 CFR 1910.1200 (c)). Under normal conditions of use, this product will not present an exposure hazard.
However, handling this product in a manner other than those of normal conditions of intended use can pose a health or environmental hazard.
Toxic vapours produced upon heating this material.
Avoid inhalation of mists/vapours.
Ensure adequate ventilation.

Potential health effects

Primary routes of exposure

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Acute toxicity:

If used as intended, this product is not expected to present a physical or health hazard. Contact with molten product may cause thermal burns. Inhalation of vapours or aerosols may cause respiratory tract irritation.

Potential environmental effects

Aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.
The product has not been tested. The statement has been derived from the structure of the product.

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4. First-aid measures

If inhaled:

No hazards anticipated. If generated vapours are inhaled, move to fresh air. If decomposition products are inhaled, remove the affected person to a source of fresh air. Assist in breathing if necessary. Seek medical attention.

If on skin:

Wash thoroughly with soap and water. Areas affected by molten material should be quickly placed under cold running water. Solidified product should not be pulled from the skin. Seek medical assistance for removal of adhering material.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

Seek medical attention.

If swallowed:

Ingestion is not likely in the available physical form. If ingested, seek medical attention.

5. Fire-fighting measures

Flash point:		not applicable
Autoignition:	> 200 °C	(DIN 51794)
Flammability:	does not ignite	

Suitable extinguishing media:

water spray, dry extinguishing media, foam

Additional information:

Water stops chemical decomposition of substance/product.

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Personal precautions:

Use personal protective clothing.

Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Cleanup:

Sweep/shovel up. Place into suitable container for disposal.

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7. Handling and storage

Handling

General advice:

Ensure adequate ventilation.

Protection against fire and explosion:

No special precautions necessary.

Storage

General advice:

Avoid all sources of ignition: heat, sparks, open flame. No special precautions necessary.

8. Exposure controls and personal protection

Components with workplace control parameters

ethyl acrylate	OSHA	PEL 25 ppm 100 mg/m ³ ; Skin Designation ;
	ACGIH	TWA value 5 ppm ; STEL value 15 ppm ;

Personal protective equipment

Respiratory protection:

Observe OSHA regulations for respirator use (29 CFR 1910.134). Wear appropriate certified respirator when exposure limits may be exceeded.

Hand protection:

Wear gloves to prevent contact during mechanical processing and/or hot melt conditions.

Eye protection:

Eye protection not required.

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. In order to prevent contamination while handling, closed working clothes and working gloves should be used.

9. Physical and chemical properties

Form:	film
Odour:	product specific
Colour:	The colour is derived from the trade name.
pH value:	not soluble
Melting point:	> 117 °C
Partitioning coefficient n-octanol/water (log Pow):	not applicable
Solubility in water:	insoluble

10. Stability and reactivity

Conditions to avoid:

Avoid excessive temperatures. Avoid electro-static discharge.

Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.
The product is chemically stable.

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

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11. Toxicological information

Acute toxicity

Oral:

LD50/rat: > 2,000 mg/kg

Skin irritation:

rabbit: non-irritant

eye irritation :

rabbit: non-irritant

Chronic toxicity

Other information:

The product has not been tested. The statements on toxicology have been derived from the structure of the product.

12. Ecological information

Environmental fate and transport

Biodegradation:

Evaluation: Experience shows this product to be inert and non-degradable.

13. Disposal considerations

Waste disposal of substance:

This product is not regulated by RCRA.

Dispose of in accordance with national, state and local regulations.

Container disposal:

Dispose of in a licensed facility. Empty containers or liners may retain product residues. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

14. Transport information

Land transport

USDOT

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

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15. Regulatory information

Federal Regulations

Registration status:

TSCA, US released / exempt

Article

OSHA hazard category: Not hazardous

SARA hazard categories (EPCRA 311/312): Not hazardous

State regulations

State RTK

CAS Number

140-88-5

Chemical name

ethyl acrylate

State RTK

MA, NJ, PA

CA Prop. 65:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

16. Other information

HMIS III rating

Health: 0 Flammability: 1 Physical hazard: 0

NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide an on-the-spot alert to the hazards of a material, and their severity, to emergency responders. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

RMS Packaging supports worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

Local Contact Information

Aurora® 8531 is a registered trademark of RMS Packaging Inc.

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Due to the acquisition of BASF Specialty Films by RMS Packaging all Material Safety Data Sheets have been reassessed on the basis of consolidated information. This may have resulted in changes of the Material Safety Data Sheets. In case you have questions concerning such changes please contact us under the address mentioned in Section I.

END OF DATA SHEET