



DAK Resinas Americas Mexico S.A. de C.V.
Material Safety Data Sheet

MSDS NUMBER: DK0008
REVISION DATE: 04/30/2008

LASER + ®

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MATERIAL IDENTIFICATION:
MB912 (PET CB12) - polymer

COMPANY IDENTIFICATION:

MANUFACTURER / DISTRIBUTOR:

DAK Resinas Americas México S.A. de C.V.
Predio Buena Vista de Torres
Rancho El Pipinaco, Apartado Postal 46
Cosoleacaque, Veracruz, 96340 México
52 921 21 16000

PHONE NUMBERS:

For emergency health, safety & environmental information, call 52-921-21-16000

For emergency transportation information, call SETIQ (ANIQ) at 01-800-00214-00,
CHEMTREC at 01-703-527-3887

COMPOSITION/INFORMATION ON INGREDIENTS

Material	CAS Numbers	Weight %
Copolyester	Proprietary	100 %

HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

CAUTION!
MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS

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FIRST AID MEASURES

INHALATION:

If symptomatic, move to fresh air. Get medical attention if symptoms persist.

SKIN:

If burned by contact with molten material, cool as quickly as possible. Do not peel material from skin. Get medical attention.

INGESTION:

Seek medical advice. Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be necessary.

Note to Physicians: Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from the skin is not necessary.

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Water spray, dry chemical, carbon dioxide

SPECIAL FIRE-FIGHTING PROCEDURES:

Wear self-contained breathing apparatus and protective clothing

HAZARDOUS COMBUSTION PRODUCTS:

Carbon dioxide, carbon monoxide

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Powdered material may form explosive dust-air mixtures.

ACCIDENTAL RELEASE MEASURES

Sweep or scoop up and remove.

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HANDLING AND STORAGE

PERSONAL PRECAUTIONARY MEASURES:

Avoid contact with molten material.

PREVENTION OF FIRE AND EXPLOSION:

Keep from contact with oxidizing materials. Minimize dust generation and accumulation. In the United States of America, refer to NFPA® Pamphlet No. 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries."

STORAGE:

Keep container closed.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Country specific exposure limits have not been established or are not applicable unless listed below.

VENTILATION:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances; such as poorly ventilated spaces, heating, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.

RESPIRATORY PROTECTION:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: dust

EYE PROTECTION:

Wear a face shield when working with molten material.

SKIN PROTECTION:

When material is heated, wear gloves to protect against thermal burns.

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RECOMMENDED DECONTAMINATION FACILITIES:

Eye bath, washing facilities

PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	solid (pellet)
Color:	colorless
Odor:	odorless
Specific Gravity:	> 1 estimated
Softening Point:	varies with product
Solubility in Water:	negligible
Flash Point:	not applicable, combustible solid
Thermal Decomposition Temperature:	Thermal stability not tested. Low stability hazard expected at normal operating temperatures.

STABILITY AND REACTIVITY

Stability:	Not fully evaluated. Materials containing similar structural groups are normally stable.
Incompatibility:	Material reacts with strong oxidizing agents.
Hazardous Polymerization:	Will not occur.

TOXICOLOGICAL INFORMATION

Acute toxicity data, if available, are listed below. Additional toxicity data may be available on request.

ECOLOGICAL INFORMATION

Acute toxicity data, if available, are listed below. Additional toxicity data may be available on request.

This material has not been tested for environmental effects.

DISPOSAL CONSIDERATIONS

Discharge, treatment, or disposal may be subject to national, state, or local laws. Incinerate.

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TRANSPORT INFORMATION

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

DOT (USA) - Class not regulated

Sea - IMDG (International Maritime Dangerous Goods) - Class not regulated

Air - ICAO (International Civil Aviation Organization)- Class not regulated

REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS (Canada) Status: Non controlled

SARA 313: None, unless listed below

Carcinogenicity Classification (components present at 0.1% or more): None, unless listed below:

TSCA (US Toxic Substances Control Act): This product is listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act): This product is listed on the DSL or otherwise complies with CEPA new substance notification requirements.

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EINECS (European Inventory of Existing Commercial Chemical Substances): This product is listed on EINECS or otherwise complies with EINECS requirements. Any polymer present in this product has regulatory clearance under Directives of the European Union.

AICS / NICNAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme): This product is listed on AICS or otherwise complies with NICNAS.

MITI (Japanese Handbook of Existing and New Chemical Substances): This product is listed in the Handbook or has been approved in Japan by new substance notification.

ECL (Korean Toxic Substances Control Act): This product is listed on the Korean inventory or otherwise complies with the Korean Toxic Substances Control Act.

Philippines Inventory (PICCS) : This product is listed on the Philippine Inventory or otherwise complies with PICCS.

Inventory of Existing Chemical Substances in China: All components of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC) or are not required to be listed on the Chinese inventory.

No components of the product are on the Mexican Raw Materials Regulation.

No components of the product are on Germany's Recommendation #36 for food contact.

OTHER INFORMATION

NFPA, NPCA-HMIS:
NFPA Rating:

Health: 1

Flammability: 1

Reactivity: 0

Personal Protection rating to be supplied by user depending on use conditions.

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ADDITIONAL INFORMATION

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsible for MSDS: Cape Fear Site MSDS Coordinator
Address: 3500 Daniels Rd.
Leland, NC 28451
Telephone: 01-910-371-4000

See DAK Caution Statement on next page.

End of MSDS

CAUTION

DAK Caution Bulletin No. 1

DO NOT USE DAK MATERIALS IN MEDICAL APPLICATIONS INVOLVING PERMANENT, BRIEF, OR TEMPORARY IMPLANTATION IN THE HUMAN BODY OR PERMANENT CONTACT WITH INTERNAL BODY FLUIDS OR TISSUES, UNLESS THE MATERIAL HAS BEEN PROVIDED DIRECTLY FROM DAK UNDER A CONTRACT WHICH EXPRESSLY ACKNOWLEDGES THE CONTEMPLATED USE.

DAK MAKES NO REPRESENTATION, PROMISE, EXPRESS WARRANTY OR IMPLIED WARRANTY CONCERNING THE SUITABILITY OF THESE MATERIALS FOR USE IN THE HUMAN BODY OR IN CONTACT WITH INTERNAL BODY FLUIDS OR TISSUES.

THE CONTENT OF DAK MATERIAL IS NOT CERTIFIED FOR IMPLANTS. DAK materials are not designed or manufactured for use in implantation in the human body or in contact with internal body fluids or tissues. DAK has not performed clinical testing of these materials for implantation. DAK will not provide to customers making implantable devices any notice concerning its materials, as specified under 21 C.F.R section 820.81, or any other information necessary for medical device use of the materials under any other statute or FDA regulation. DAK

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has neither sought, nor received, approval from the FDA for the use of these materials in implantation in the human body or in contact with internal body fluids or tissues.

ALL IMPLANTABLE MEDICAL DEVICES CARRY A RISK OF FAILURE AND ADVERSE CONSEQUENCES

The medical judgment of a physician, a medical device seller and the FDA should be relied upon for identification of both harmful consequences and life-saving benefits from an implantation device comprised of specific materials. These benefits and risks can be found in published medical cases performing clinical medical studies of an implantable medical device. DAK does not support the use of its products in these applications and cannot weigh the benefits against the risk defined in these articles. DAK can not offer a medical judgment on the safety or efficacy of the use of its materials in such devices.

DO NOT MAKE REFERENCE TO THE DAK NAME OR ANY DAK TRADEMARK IN ASSOCIATION WITH AN IMPLANTABLE MEDICAL DEVICE.

Do not use a DAK trademark or licensed trademark as the descriptive name of an implantable medical device (e.g. do not call it the "Dacron®" prosthesis", do not call it a "Delcron®" prosthesis, or do not call it a " Laser+® device").

End of Bulletin