

Dynaclear RCD - MATERIAL SAFETY DATA SHEET

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification "DYNACLEAR" is a registered trademark of Pro Pack, Inc.

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material: CAS %

POLYETHYLENE: 9002-88-4 95

ADDITIVES: <5

HAZARDS IDENTIFICATION

SKIN: not hazardous

EYES: not hazardous

INHALATION: not a route of exposure.

No component hazardous as defined by 29 CFR 1910.1200

INGESTION: not a route of exposure. Not toxic.

Carcinogenicity Information: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA as a carcinogen.

FIRST AID MEASURES INHALATION

No specific intervention is indicated as the compound is not likely to be hazardous by inhalation. Consult a physician if necessary. The predominant gases produced during normal hot wire cutting and shrinking operations are low molecular weight hydrocarbons, carbon dioxide, carbon monoxide, water, and hydrocarbon oxidation products including organic acids, aldehydes and alcohols. The amount of each is low. Pro Pack does not believe concentrations of these gases present a hazardous work environment. Nevertheless, local ventilation is recommended. In exceptional circumstances, in gross miss operation of equipment or while the product is being disposed of, "DYNACLEAR" shrink film may be exposed to temperatures above 617°F (325°C). In this case fumes irritating to the eyes, nose, and throat may be produced. Exposure to these fumes may result in redness, tearing, and itching of the eyes and soreness in the nose and throat together

SKIN CONTACT

The compound is not likely to be hazardous by skin contact but cleaning the skin after use is advisable.

EYE CONTACT

This product is an inert solid. If in eye, remove as one would any foreign object.

INGESTION

First aid is normally not required.

FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: not applicable

FLASH POINT METHOD: not applicable

AUTOIGNITION TEMPERATURE: not determined

UPPER FLAME LIMIT (volume % in air): Not applicable.

LOWER FLAME LIMIT (volume % in air): Not applicable.

FLAME PROPAGATION RATE (solids): Not determined.

OSHA FLAMMABILITY CLASS: Not determined

EXTINGUISHING MEDIA

Use any standard agent (Water, Foam, Dry Chemical, CO2).

UNUSUAL FIRE AND EXPLOSION HAZARDS

Thermal decomposition vapors may be toxic.

SPECIAL FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS:

As in any fire, wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus and full protective clothing.



Our Dynaclear® films & packaging systems are designed to increase productivity with the simplest setup and operation

ACCIDENTAL RELEASE MEASURES

Land spill Sweep up spilled material and place in suitable container for recycle or disposal.

HANDLING AND STORAGE

Handling (Physical Aspects)

Can accumulate high static electric charge during handling. Static charges can cause explosions in solvent and dust laden atmospheres.

Storage

Store in a cool, dry place. Keep containers tightly closed to prevent moisture absorption and contamination.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

No special precaution during normal use of the product.

Use static controls. Static charges can build up and ignite dust or solvent laden atmospheres. Ventilation Requirements: provide adequate ventilation or local exhaust to remove fumes when performing high-temperature processing such as heat sealing or hotwire cutting.

PERSONAL PROTECTIVE EQUIPMENT:

SKIN PROTECTION: Not required EYE PROTECTION: Not required

RESPIRATORY PROTECTION: not normally required. If smoke or fumes are generated during processing, use adequate ventilation or wear appropriate approved respiratory protection (not normally required).

OTHER PROTECTIVE: not applicable

Exposure Guidelines

Applicable Exposure Limits

POLYETHYLENE

PEL (OSHA) : None Established

TLV (ACGIH) : None Established

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Appearance: Clear translucent and odorless.

Physical State: Solid Melting

Point: 212 – 280 °F %

Volatiles: Negligible

Solubility in Water: Negligible

Specific Gravity : 0.91 – 0.94

STABILITY AND REACTIVITY

Chemical Stability: stable.

Incompatibility with Other Materials: none reasonably foreseeable.

Decomposition: decomposition temperature: 617 F (325°C)

Hazardous gases or vapors can be released, including carbon dioxide, carbon monoxide, hydrocarbon oxidation products, including, organic acids, aldehydes, alcohols.

TOXICOLOGICAL INFORMATION

Negligible hazard at ambient temperature for inhalation, skin contact, eye contact and ingestion.

ECOLOGICAL INFORMATION

AQUATIC TOXICITY:

No information is available. Toxicity is expected to be low based on insolubility in water.

DISPOSAL CONSIDERATIONS

Waste Disposal

Offices, Warehouse & Service: 500 West Main Street, Unit 12 - Wyckoff, NJ 07481

Ph. 201.337.1001 - **Fax** 201.337.5001

www.shrinkfilm.com - info@shrinkfilm.com



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Options for disposal are recycling, incineration with energy recovery, and landfill. Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations.

TRANSPORTATION INFORMATION

Shipping Information

US DOT (Department of Transportation): not regulated

International Maritime Dangerous Goods (IMDG) : not regulated

Air: ICAO International Civil Aviation Organization, or IATA (International Air Traffic Association): not regulated

REGULATORY INFORMATION

Other than any material listed in the COMPOSITION/INFORMATION ON INGREDIENTS, this product does not contain a chemical above the minimums concentrations.

State Regulations (US)

No substances on the state hazardous substances list, for the states indicated below, are used in the manufacture of products on this Material Safety

Data Sheet.

Substances on the Pennsylvania hazardous substances list present at a concentration of 1% or more (0.01 % for special hazardous substances): None known.

Substances known to the state of California to cause cancer, birth defect or other reproductive harm: none known.

Substances on the New Jersey workplace hazardous substances list present at a concentration of 1% or more (0.1 % for substances identified as carcinogens, mutagens or teratogens): None known.

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