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"BOLPHANE" SHRINK FILMS

SAFETY DATA SHEET

I. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

"BOLPHANE" is a registered trademark of BOLLORE.

Identification of the product:

BOLPHANE® BZ, BLG, BRX, BSF, BFF, BTTX110, BY, BX, BE, BXX, BYO, BHE, BRN, B30, BTT+

Supplier

MANUFACTURER/DISTRIBUTOR
BOLLORE INC.
60 LOUISA VIENS DR. P.O. BOX 530
DAYVILLE CONNECTICUT 06241

PHONE NUMBERS

Product Information : 860-774-7431
Transport Emergency : 860-774-7431
Medical Emergency : 860-774-7431

II. COMPOSITION/INFORMATION ON INGREDIENTS

Multilayer polyolefin shrink film

III. HAZARDS IDENTIFICATION

Potential health hazards:

SKIN: not hazardous
EYES: not hazardous
INHALATION: not a route of exposure
INGESTION: not a route of exposure, not toxic

No components are hazardous as defined by 29 CFR 1910.1200

IV. FIRST AID MEASURES

INHALATION

In case of inhalation of fumes and smoke deriving from burning material, remove affected individual to non-contaminated air.

Obtain medical attention if ill effects and breathing problem occur.

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. Nevertheless, local ventilation is recommended

SKIN CONTACT

The compound is not likely to be hazardous by skin contact but cleaning the skin after use is advisable. Molten material can cause severe burns, cool treat as a thermal burn. Obtain immediate medical attention

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.

V. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: not applicable

FLASH POINT METHOD: not applicable

AUTOIGNITION TEMPERATURE: not determined

UPPER FLAME LIMIT: not applicable

LOWER FLAME LIMIT: not applicable

EXTINGUISHING MEDIA

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

UNUSUAL FIRE AND EXPLOSION HAZARDS

Thermal decomposition vapors may be toxic.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information

SPECIAL FIRE FIGHTING INSTRUCTIONS:

As any fire, use self-contained breathing apparatus and full protective clothing.

VI. ACCIDENTAL RELEASE MEASURES

Land spill

Sweep spilled material into a disposable container.
Spilled material may create slipping hazard.

VII. 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, away from direct sunlight, at max 25°C. Keep containers tightly closed to prevent moisture absorption and contamination.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls not available

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 sealing or hot-wire cutting.

PERSONAL PROTECTIVE EQUIPMENT:

SKIN PROTECTION: not required

EYE PROTECTION: not required

RESPIRATION 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

OSHA PEL (Permissible exposure limit) : None Established

ACGIH TLV (Threshold Limit Value) : None Established

IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Appearance, form	: clear translucent film
% Volatiles	: Negligible
Solubility in Water	: Negligible
Odor	: None
Melting point	: 212 - 320 °F
Specific gravity	: 0.910 - 0.93

X. STABILITY AND REACTIVITY

Chemical Stability: stable.

Incompatibility with Other Materials: none reasonably foreseeable.

Decomposition

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

XI. TOXICOLOGICAL INFORMATION

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

XII. ECOLOGICAL INFORMATION

AQUATIC TOXICITY:

No information is available.

XIII. DISPOSAL CONSIDERATIONS

Waste Disposal

Options for disposal are recycling, incineration with energy recovery, and landfill.

Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state, and local regulations.

XIV. TRANSPORTATION INFORMATION

Shipping Information

DOT (US department of transportation): Not regulated
WATER IMDG (International maritime dangerous Goods): not regulated
TDG: Not regulated
IATA (International Air Traffic Association): not regulated.

XV. REGULATORY INFORMATION

The products are not considered hazardous under 29 CFR 1910.1200 (hazard Communication)

SARA (313) TOXIC RELEASE INVENTORY: To the best of our knowledge, the products do not contain chemicals at levels which require reporting under this statute.

XVI. OTHER INFORMATION

Responsibility for MSDS: R. TEZENAS
BOLLORE
ODET-ERGUE GABERIC
29 000 QUIMPER cedex 9 (France)
Product Information: 00 (33) 02 98 66 72 00
Established: February, 7th, 2012

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End of MSDS