



MATERIAL SAFETY DATA SHEET

Polybond® 3009

Version: 1.1
DATE OF ISSUE: 01/12/2006
Date printed: 02/02/2006

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Polybond® 3009

Chemical name: Polyethylene, modified

Use of substance/preparation: No specific information.

Supplier: Chemtura USA Corporation
Chemtura Corporation (Worldwide HQ)
199 Benson Road
Middlebury, CT 06749 USA

Emergency telephone number CHEMTREC (24 hours) 800-424-9300
Chemtura Corporation Emergency Response
(24 hours) 800-292-5898
**For additional emergency telephone numbers
see section 16 of the Safety Data Sheet.**

Environmental, Health and Safety Department: 866-430-2775

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	% BY WEIGHT
Polyethylene CAS# 9002-88-4	99

This product may contribute to nuisance dusts and possibly to respirable dusts. Avoid breathing dusts. This product does not contain reportable hazardous ingredients as defined by the OSHA Hazard Communication Standard 29 CFR 1910.120

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION!

DUST AND PROCESS FUMES MAY BE HARMFUL IF INHALED AND MAY CAUSE IRRITATION OF SKIN, EYES, NOSE AND THROAT.
MOLTEN PRODUCT MAY CAUSE THERMAL BURNS.
AVOID DISPERSION OF DUST IN AIR TO REDUCE POTENTIAL FOR DUST IGNITION/EXPLOSIONS.
THE FUMES RESULTING FROM INCINERATION OR DECOMPOSITION OF THE PRODUCT CAN CAUSE EFFECTS OF THE LIVER, KIDNEY, AND CARDIOVASCULAR SYSTEM.



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4. FIRST AID MEASURES

Swallowing

Do not induce vomiting., Rinse mouth with water., Obtain medical attention.

Skin contact

Wash skin with soap and water., No harmful effects expected.

Inhalation

Remove to fresh air., Obtain medical attention if symptoms persist.

Eye contact

Immediately flush eyes with water and continue washing for at least 15 minutes., Obtain medical attention if discomfort persists.

5. FIRE-FIGHTING MEASURES

Flammable limits

Lower limit: Not available
Upper limit: Not available

Autoignition temperature:

Not available

NFPA CLASSIFICATION

Health: 1	Flammability: 1	Reactivity: 0	Special provisions: No data available.
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Hazardous combustion products

Oxides of carbon.

Various hydrocarbons.

Acetic acid.

Irritating fumes.

Acrid smoke.

The fumes resulting from incineration or decomposition of the product can cause effects of the liver, kidney, and cardiovascular system.

Special fire fighting procedures

Do not discharge extinguishing waters into streams, rivers and lakes.

Special protective equipment for firefighters

Body covering protective clothing, full "turn-out" gear.

Self-contained breathing apparatus.

Extinguishing media

Suitable: - CO2



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-
- dry powder
 - foam
 - water fog

Unsuitable: - water spray

Unusual fire and explosion hazards

The fumes resulting from incineration or decomposition of the product can cause effects of the liver, kidney, and cardiovascular system.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear suitable protective equipment., Do not breath dust., Eliminate sources of ignition., Avoid contact with skin and eyes.

Environmental precautions

Prevent from entering sewer system, surface water or soil.

Methods for cleaning up

Avoid dispersion of dust.

Sweep up and collect in a suitable container for disposal.

7. HANDLING AND STORAGE

HANDLING

Handling precautions

Normal precautions common to good safety practice should be followed in handling., Use with adequate ventilation., Avoid breathing dust., Keep container tightly closed.

Other precautions

Keep away from sources of ignition - No smoking.

STORAGE

Storage requirements

Keep container tightly closed in a cool, well-ventilated place., Protect from heat., In case of occurrence of dust, risk of dust explosion.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

No other exposure limits have been established

PERSONAL PROTECTION

Respiratory protection

Dust respirator, if dusting conditions exist.



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Hand protection / protective gloves
Chemical resistant protective gloves

Eye protection
Safety glasses with side shields.

Skin protection
Wear protective clothing, such as long sleeves to minimize skin contact.

ENGINEERING CONTROLS

Ventilation
General mechanical room ventilation is satisfactory for normal handling and storage operations.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical state	Pellets
Color	White
Odor	Slight

OTHER PROPERTIES

Boiling point	Not applicable
Melting point	127 °C 260 °F
Specific gravity (H ₂ O=1)	0.95
Solubility in water	Insoluble
Solubility in organic solvents	No data available.
Partitioning coefficient	Not available
Flash point	Not available
Autoignition temperature	Not available
Upper explosion limits	Not available
Lower explosion limits	Not available
Percent volatiles	Negligible



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10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Stability - Conditions to avoid
>300 °C

Incompatible materials
Halogens.

Hazardous combustion products

Oxides of carbon.

Various hydrocarbons.

Acetic acid.

Irritating fumes.

Acrid smoke.

The fumes resulting from incineration or decomposition of the product can cause effects of the liver, kidney, and cardiovascular system.

11. TOXICOLOGICAL INFORMATION

GENERAL

No evidence of harmful effects from available information.

INHALATION

Acute effects

The fumes resulting from incineration or decomposition of the product may lead to irritation or inflammation of the respiratory system.

Additionally, there is the possibility of:

- liver damage
- kidney damage
- heart damage

SKIN CONTACT

Acute effects

WHEN MOLTEN ONLY (molten product can cause thermal burns).

12. ECOLOGICAL INFORMATION

No information available.



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13. DISPOSAL CONSIDERATIONS

General: Dispose of in accordance with appropriate Federal, State, and local regulations., Avoid discharge to sewers and natural waters.

Non-cleaned packages

Empty drums should be decontaminated and either passed to an approved drum reconditioner or destroyed., Containers that cannot be cleaned must be treated as waste.

14. TRANSPORT INFORMATION

IMDG Classification

This product is not regulated by IMDG.

ICAO Classification

This product is not regulated by ICAO.

15. REGULATORY INFORMATION

Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40CFR302.4.

Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on Reportable Quantities (RQ's) in 40CFR355 (used for SARA 302 and 304).

Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40CFR372 (for SARA 313). This information must be included in MSDS's that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

New Jersey Worker and Community Right-To-Know Act (Labeling Requirements)

Chemical name

Polyethylene

CAS#

9002-88-4

New Jersey TS Number

EPA Hazard Categories (SARA 311, 312): None



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CHEMICAL INVENTORY

Canada: The ingredients of this product are on the DSL.
Europe: The ingredients of this product are on the EINECS inventory.
United States: The ingredients of this product are on the TSCA inventory.
Australia: The ingredients of this product are on the AICS inventory.
China: This product is on the IECSC Inventory.
Japan: This product, or the components, is listed or exempt from listing on the Existing and New Chemical Substances (ENCS) list.
Korea: The ingredients of this product are on the ECL.
Philippines: This product, or the components, is listed or exempt from listing on the Philippines Inventory of Chemicals and Chemical Substances (PICCS).

FDA

Food contact

21CFR175.105 Adhesives 21CFR176.180 Paper/Paperboard in contact with dry foods. Not to Exceed Amount Required to Achieve the Desired Effect. 21CFR177.1520 Olefin polymers Not to contain no more than 2 wt% of copolymer units derived from maleic anhydrides

16. OTHER INFORMATION

FURTHER INFORMATION

MAY BE ON THE INVENTORY LIST BUT NOT NECESSARILY REGISTERED, (Korea, China, New Zealand) CONSULT REGULATORY SPECIALIST.

Emergency Telephone Numbers

<u>Latin America:</u>	All	+44 (0)208 762 8322
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HMIS RATING

Health: 0	Flammability: 1	Reactivity: 0	PPI: X
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STP	Standard temperature and pressure
W/W	Weight/Weight 0 (HMIS)
1 (HMIS)	Slight hazard
2 (HMIS)	Moderate hazard
3 (HMIS)	Serious hazard
4 (HMIS)	Severe hazard
X (HMIS)	Personal protection rating to be supplied by user depending on use conditions

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