PN 3112

Allied Fibers & Plastics

An ALLIED Company

PRODUCT SAFETY DATA SHEET

A. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM)	☒ C.A.S. NO. ☐ ALLIED PRODUCT CODE #
Paxon® High Density Polyethylene (Pellets)	09002-88-4

CHEMICAL NAME

Poly(ethylene)

FORMULA	MOLECULAR WEIGHT
$+CH_2-CH_2+_x$	High Polymer>20,000

DIVISION/PLANT ADDRESS (No., STREET, CITY, STATE AND ZIP CODE)

Allied Fibers & Plastics
12875 Scenic Highway, P.O.Box 53006
Baton Rouge, LA 70805

CONTACT	PHONE NUMBER	ISSUED DATE	REVISED DATE
Manager-Environmental	(504)775-4330	7/9/80	9/1/82

B. FIRST AID MEASURES

EMERGENCY PHONE NUMBER (504)775-4330

No acute hazard

C. HAZARDS INFORMATION

FIRE AND EXPLOSION

FLASH POINT	AUTO IGNITION TEMPERATURE	FLAMMABLE LIMITS IN AIR (% BY VOL.)
340 °C ASTM D-1929 ☐ OPEN CUP ☐ CLOSED CUP	349 °C ASTM D-1929	Non-volatile solid. LOWER UPPER

UNUSUAL FIRE AND EXPLOSION HAZARDS

Refer to National Fire Protection Association Bulletin 654, "Dust Explosion Prevention, Plastic Industry 1975", for safe handling procedures.

HEALTH

INHALATION

Non-volatile solid in pellet form.

INGESTION

Non-toxic solid.

SKIN

Not an irritant.

EYES

Not an irritant.

PERMISSIBLE CONCENTRATION: AIR (SEE SECTION J) BIOLOGICAL

Non-volatile solid.

UNUSUAL CHRONIC TOXICITY

None known.

D. PRECAUTIONS/PROCEDURES

VENTILATION

Normal working environment.

NORMAL HANDLING

No special requirements.

STORAGE

Normal.

PRECAUTIONARY LABEL ☐ ATTACHED ☒ NOT ATTACHED

None required

SPILL OR LEAK

Sweep-up and collect as essentially harmless organic wastes.

FIRE EXTINGUISHING AGENTS **RECOMMENDED**

No special agents recommended.

SPECIAL FIRE FIGHTING PRECAUTIONS

Self-contained breathing apparatus for fire fighting personnel recommended.

FIRE EXTINGUISHING AGENTS TO **AVOID**

None.

SPECIAL PRECAUTIONS/PROCEDURES

None.

E. PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION

Not generally required.

EYES AND FACE

Safety glasses recommended.

HANDS, ARMS, AND BODY

Not generally required.

OTHER CLOTHING AND EQUIPMENT

Not generally required

F. PHYSICAL DATA

MATERIAL IS (AT NORMAL CONDITIONS):	APPEARANCE AND ODOR	
☐ LIQUID ☒ SOLID ☐ GAS ☐ _____	Translucent, odorless pellets.	
BOILING POINT N/A °C Non-volatile solid MELTING POINT 120-135 °C	SPECIFIC GRAVITY (H_2O = 1) 0.941-0.965	VAPOR DENSITY (AIR = 1) Non-volatile
SOLUBILITY IN WATER (% by Weight) Insoluble	pH N/A	VAPOR PRESSURE (mm Hg at 20°C) Non-volatile
EVAPORATION RATE (Butyl Acetate = 1) Non-volatile	% VOLATILES BY VOLUME (At 20°C) Non-volatile	

G. REACTIVITY DATA

STABILITY	CONDITIONS TO AVOID
☐ UNSTABLE ☒ STABLE	N/A

INCOMPATIBILITY (MATERIALS TO AVOID)

Attacked by oxidizing agents such as nitric or perchloric acid and free halogens. Also softened by hydrocarbons such as benzene, gasoline, lubricating oils, petroleum ether and by chlorinated hydrocarbons.

HAZARDOUS DECOMPOSITION PRODUCTS

Burning yields CO and CO_2

HAZARDOUS POLYMERIZATION	CONDITIONS TO AVOID
☐ MAY OCCUR ☒ WILL NOT OCCUR	N/A

H. HAZARDOUS INGREDIENTS (Mixtures Only)

MATERIAL OR COMPONENT	%	HAZARD DATA (SEE SECT. J)
N/A		

I. ENVIRONMENTAL

DEGRADABILITY	OCTANOL/WATER PARTITION COEFFICIENT
Does not biodegrade.	

WASTE DISPOSAL METHODS*

Handle as essentially harmless organic waste.

*DISPOSER MUST COMPLY WITH FEDERAL, STATE AND LOCAL DISPOSAL OR DISCHARGE LAWS.

J. REFERENCES

PERMISSIBLE CONCENTRATION REFERENCES

N/A

REGULATORY STANDARDS

N/A

GENERAL

N/A

K. ADDITIONAL INFORMATION

Standard operating procedure for unloading bulk vehicles should include the following:

(a) Metal sampling devices, such as a grain thief, should not be used due to risk of static shock and resulting ignition hazards per National Fire Protection Association Bulletin 654.

(b) Hopper samples, if taken from the top, should require top hatches to be opened and plastic insert covers removed for a minimum of one hour for proper ventilation prior to sampling.

(c) To prevent hopper collapse, top hatches should be opened if required by the type of unloading system.

(d) Care should be exercised when removing plastic shower caps, inserts and cap plugs so as not to introduce foreign contamination into product.

(e) Unloading devices such as augers and pneumatic handling systems should be free of contamination to insure maximum use of end product.

Follow normal personal hygiene and good housekeeping practices.