



MATERIAL SAFETY DATA SHEET

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POLYMER PRODUCTS DEPARTMENT
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TELEPHONE NUMBERS
MEDICAL EMERGENCY 800-441-3637
PRODUCT INFORMATION 800-441-7515
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MATERIAL IDENTIFICATION

PRODUCT NAME	Alcryn Melt Processible Rubber R1201B-60A, R1201B-70A, R1201B-80A
CHEMICAL NAME	Halogenated Polyolefin compositions
CAS REGISTRY NUMBER	NA
TSCA INVENTORY STATUS	All reportable ingredients are listed in the TSCA Chemical Substance Inventory. <
DOT HAZARD CLASS	Not regulated
SHIPPING NAME	Rubber Synthetic Crude
PREPARER	W. C Percival
	DATE December 8, 1989

HAZARDOUS COMPONENTS

MATERIAL	No components are hazardous as defined by 29CFR1910.1200
CAS NO.	NA
CONCENTRATION %	NA
OSHA PEL	NE
OSHA STEL	NE
ACGIH TLV	NE
ACGIH STEL	NE
DUPONT AEL	NE

SUBSTANCES PRESENT AT A CONCENTRATION OF 0.1% OR MORE
CLASSIFIED AS A CARCINOGEN BY IARC, NTP OR OSHA: None are known.

PHYSICAL/CHEMICAL DATA

APPEARANCE	Pigmented pellets
ODOR	Mild ester-like
MELTING POINT	NA
SOLUBILITY IN WATER	Negligible
VOLATILE CONTENT	NA
SPECIFIC GRAVITY	NA

FIRE AND EXPLOSION HAZARD DATA

FLASH IGNITION TEMPERATURE No data are available

UNUSUAL FIRE, EXPLOSION HAZARDS The solid polymer can be combusted only with difficulty.

HAZARDOUS COMBUSTION PRODUCTS Complete combustion gives carbon dioxide, water, and hydrogen chloride. Incomplete combustion gives, in addition, carbon monoxide and hydrocarbon oxidation products including organic acids, aldehydes, and alcohols.

SPECIAL FIRE FIGHTING INSTRUCTIONS Use self-contained breathing apparatus to avoid exposure to products of combustion, particularly hydrogen chloride.

EXTINGUISHING MEDIA Water, carbon dioxide, foam, dry chemical.

HAZARDOUS REACTIVITY

STABILITY AT ROOM TEMPERATURE Stable

MATERIALS TO AVOID Acetal homopolymers and acetal copolymers. At processing temperatures, these materials interact and cause degradation.

CONDITIONS TO AVOID Rapid heating to temperatures above 250°C (480°F) or prolonged heating at temperatures above 205°C (400°F) will result in polymer degradation and evolution of hydrogen chloride.

HAZARDOUS DECOMPOSITION PRODUCTS Hydrogen chloride, carbon monoxide, and hydrocarbon oxidation products including organic acids, aldehydes, and alcohols.

POLYMERIZATION Will not occur.

HEALTH HAZARD DATA

Before using Alcryn Melt Processable Rubber, read the bulletin "The Toxicity and Handling Guide for Alcryn".

INGESTION The approximate lethal dose of one type of Alcryn is greater than 5000 milligrams per kilogram body weight as tested in rats. This is low toxicity. Other types of Alcryn are predicted to have the same low ingestion toxicity. Ingestion is not a probable route of exposure.

SKIN Skin irritation tests were run on one type of Alcryn on rabbits. The material was not a skin irritant. Hot polymer may cause thermal burns.

EYE Mechanical irritation only.

INHALATION The polymer is not respirable at room temperature. At processing temperatures above about 205°C fumes irritating to the eyes, nose, throat, and lungs may be produced. This exposure may result in reddening, tearing, and itching of the eyes and soreness in the nose and throat together with coughing.

EMERGENCY FIRST AID

- If exposed to fumes from overheating or combustion, move to fresh air. Consult a physician.
- Wash skin with soap and plenty of water.
- Wash eyes with water. Consult a physician.

CHRONIC EFFECTS None are known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE None are known.

PROTECTION INFORMATION

VENTILATION Local ventilation should be used over processing equipment.

EYE Eye glasses are recommended as good industrial hygiene practice.

SKIN Protective gloves and a long sleeve shirt should be worn when handling hot polymer.

RESPIRATOR Not needed unless local ventilation is inadequate.

DISPOSAL

SPILL, LEAK OR RELEASE Pick up spilled polymer to avoid a slipping hazard.

WASTE DISPOSAL Incinerate or landfill in compliance with federal, state, and local regulations.

AQUATIC TOXICITY No information is available. Toxicity is expected to be low based on negligible water solubility.

STORAGE CONDITIONS Store in a cool dry place. Keep containers and packages closed to prevent contamination.

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

NA = Not applicable
NE = Not established
AEL = Du Pont Company's Acceptable Exposure Limit
> = New or revised information in this section when ">" is in left margin

SECTION 313 SUPPLIER NOTIFICATION

This product contains no known toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

STATE RIGHT TO KNOW LAWS

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, with the exceptions indicated. While we do not specifically analyze these products, or the raw materials used in their manufacture, for substances on various state hazardous substances lists, to the best of our knowledge the products on this Material Safety Data Sheet contain no such substances except for those specifically listed below:

SUBSTANCES ON THE PENNSYLVANIA HAZARDOUS SUBSTANCES LIST PRESENT AT A CONCENTRATION OF 1% OR MORE:

None are known.

SUBSTANCES ON THE PENNSYLVANIA SPECIAL HAZARDOUS SUBSTANCES LIST PRESENT AT A CONCENTRATION OF 0.01% OR MORE:

None are known.

NON-HAZARDOUS INGREDIENTS PRESENT AT A CONCENTRATION OF 3% OR MORE REQUIRED TO BE LISTED BY PENNSYLVANIA: Since this product contains no hazardous substances as defined by the Pennsylvania R-T-K Regulations, a MSDS is not required by law.

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER:

None are known.

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM:

None are known.