

**Material Safety Data Sheet**  
**(Cell Vent Substrate)**  
**Chemical Product and Company Identification**

PRODUCT NAME: AMOCO tm. IMPACT CO POLYMER : POLYPROPYLENE  
**Manufacturer/Supplier:**

Amoco Chemical Company  
200 East Randolph Drive  
Chicago , IL 60601 U.S.A.

**Emergency Health Information:**

1 (800) 447-8735

**Other Product Safety Information:**

1 (800) 856-3304

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**Composition/Information on Ingredients**

Component	CAS #	% by
Polypropylene copolymer	9010-79-1	>99

**Hazards Identification**

**Emergency Overview:** This Product has been evaluated and does not require any hazard warning on the label under OSHA criteria.

**Chemical and physical properties:**

**Ph:** not determined  
**Vapor pressure:** not determined  
**Vapor density:** not determined  
**Boiling point:** not determined  
**Melting point:** 320 F (160C)  
**Solubility in water:** Negligible. Below 0.1%  
**Specific Gravity ( Water):** 0.90

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**Stability and reactivity**

**Stability:** Stable

**Conditions to avoid:** None identified

**Materials to avoid:** Chlorine, fluorine, and other strong oxidizers

**Hazardous Decomposition:** Burning can produce carbon monoxide and or dioxide and other harmful products. The major decomposition products are low molecular weight oligmers (C6-18) of polypropylene. Degradation products may include trace amounts of acrolein, formaldehyde, aldehydes, and other organic vapors.

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**Toxicological Information**

**Acute Toxicity data:**

**Eye Irritation:** Testing not conducted. See other Toxicity data.

**Eye Contact:** No significant health hazards identified. Particles or fibers may cause slight discomfort similar to getting dust in the eye.

**Skin Contact:** No significant health hazards identified. Particles or fibers may cause slight discomfort similar to rubbing sand against the skin.

**Inhalation:** No significant irritation expected other than possible mechanical irritation.

**Ingestion:** No significant health hazards identified.

**HMIS CODE:** (Health 0) (Flammability 1) (Reactivity 0)

**NFPA CODE:** ( Health 0) ( Flammability 1 ) ( Reactivity 0)

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This material has not been changed since introduced.

MSDS update as of July 2005.

### First Aid Measures

**EYE:** Flush eyes with plenty of water.  
**SKIN:** Wash skin with soap and water. Get medical attention  
**INHALATION:** If adverse affects occur, remove to uncontaminated area. Get medical attention.  
**INGESTION:** If large amount is swallowed. Get medical attention.

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### Fire Fighting Measures

**FLASHPOINT:** Greater than 500 F (260 C)  
**UEL:** Not determined  
**LEL:** Not determined  
**AUTOIGNITION TEMPERATURE:** 735 F (388 C)  
**FLAMIBILITY CLASSIFICATION:** None  
**EXTINGUISHING MEDIA:** Agents approved for class A hazards(e.g. foam, steam) or water fog.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** High dust concentrations have potential for combustion or explosion. High-Voltage, Static electricity buildup and discharge must be avoided when significant quantities of dust are present.  
**FIRE-FIGHTING EQUIPMENT:** Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.  
**PRECAUTIONS:** Take precautionary measures against static discharges, including thorough electrical interconnecting, grounding of equipment, and conveyance, under inert gas. Keep away from sources of ignition (e.g. heat and open flame).  
**HAZEROUS COMBUSTION PRODUCTS:** Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

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### Accidental Release measures

Vacuum or sweep out; avoid producing dust, increase ventilation if possible

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### Handling and Storage

**Handling:** Use with adequate ventilation. Material is slippery under foot

**Storage:** No special requirements.

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### Exposure Controls / Personal Protection

**EYE:** None required; however, use of eye protection is good industrial practice.

**SKIN:** None Required; however, use of protective gloves/clothing is good industrial practice.

**INHALATION:** Use with adequate ventilation. If general ventilation is inadequate, local exhaust ventilation should be used to dispose of vapors from hot processing equipment.

**ENGINEERING CONTROLS:** Control airborne concentrations below the exposure guidelines.

#### EXPOSURE GUIDELINES:

Component	CAS #	Exposure limits
Polypropylene Co polymer	9010-79-1	Osha total dust: 15 mg/m <sup>3</sup> (Part.NOC)
		Respirable dust 15mg/m <sup>3</sup> (Part.NOC)
		ACCGIH TLV-TWA 10mg/m <sup>3</sup> (nuisance dust)