

Polyethylene Hival/Non-Spec

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Section 1: Chemical Product and Manufacturer

Material Identity
Product Name: POLYETHYLENE HIVAL/NON-SPEC
General or Generic ID: THERMOPLASTIC RESIN

Emergency Telephone Number: 1-800-ASHLAND (1-800-274-5263)
24 hours everyday
Regulatory Information Number: 1-800-325-3751

Ashland
Ashland Distribution Co. &
Ashland Specialty Chemical Co.
P.O. Box 2219
Columbus, OH 43215
614-790-3333

Section 2: Composition and Information on Ingredients

Ingredients	CAS #	% by Weight
THERMOPLASTIC RESIN	9002-88-4	98.0 – 100.0

Section 3: Hazards Identification**Potential Health Effects****Eyes**

Dust can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes. Molten material causes thermal burns.

Skin

Unlikely to cause skin irritation or injury. Molten material causes thermal burns. This material is unlikely to pass into the body through the skin.

Swallowing Swallowing this material is not likely to be harmful.

Inhalation

This material is a dust or may produce dust. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.

Symptoms of Exposure

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: irritation (nose, throat, airways).

Target Organ Effects No data.

Developmental Information There are no data available for assessing risk to the fetus from maternal exposure to this material.

Cancer Information

This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

Other Health Effects

Thermal processing of this product can produce fumes and/or vapors, possibly containing ketone carbonyl groups. Components of these releases may vary with processing times and temperatures and therefore specific composition cannot be predicted. These fumes and/or vapors may produce eye, skin and/or respiratory tract irritation. With repeated and prolonged exposure at high concentrations, these fumes and/or vapors could cause central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache).

Primary Route(s) of Entry Inhalation, skin contact, eye contact.

Section 4: First Aid Measures**Eyes**

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention. If eye contact with molten material occurs, hold eyelids apart and flush eyes gently with cool water. Seek immediate medical attention.

Skin

First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water. If skin contact with molten material occurs, flush exposed area with cool water. Do not forcibly remove material adhering to the skin. Seek immediate medical attention.

Swallowing First aid is not normally required. If symptoms develop, seek medical attention.

Inhalation First aid is not normally required. If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention.

Note to Physicians Pre-existing disorders of the following organs (or organ systems) may be aggravated by exposure to this material: lung (for example, asthma-like conditions).

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Section 5: Firefighting Measures

Flash Point Not applicable.

Explosive Limit No data.

Auto-ignition Temperature No data.

Hazardous Products of Combustion May form: alcohols, aldehydes, carbon dioxide and carbon monoxide, organic acids, various hydrocarbons.

Fire and Explosion Hazards No special fire hazards are known to be associated with this product.

Extinguishing Media Regular foam, alcohol foam, water fog, carbon dioxide, dry chemical.

Firefighting Instructions Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turnout gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

NFPA Rating

Health – 1, Flammability – 1, Reactivity – 0

Section 6: Accidental Release Measures

Small Spill

Sweep up material for disposal or recovery. Plastic pellets may present a slipping hazard when spilled on walking surfaces.

Large Spill

Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material. Plastic pellets may present a slipping hazard when spilled on walking surfaces.

Section 7: Handling and Storage

No adverse health effects are anticipated from the product at room temperature. However, at process temperatures, the product can emit fumes and vapors that may cause irritation of the eyes and respiratory tract. Any exposure will depend upon processing technique and temperature, volume processed and the effectiveness of exhaust ventilation provided for the process. Effects of chronic exposure to off-gases at processing temperatures have not been fully evaluated. Generally, flame retardant additives and pigment additives are encapsulated in an impervious plastic matrix. These additives are not expected to present a hazard. Pellets may build up static electricity when being transferred from one container to another. Mechanical handling equipment can cause formation of dusts. Maintain good housekeeping. Dust layers should not be permitted to accumulate in order to avoid any potential for dust explosion hazards.

Section 8: Exposure Controls/Personal Protection

Eye Protection

Wear safety glasses in compliance with OSHA regulations. (Consult your safety representative.)

Skin Protection

Wear normal work clothing covering arms and legs. Consult your safety products supplier for proper protective equipment to use in thermal processing operations. (Not normally required for handling of product).

Respiratory Protections

If overexposure has been determined or documented, a NIOSH/MSHA jointly-approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified conditions. (See your safety equipment supplier.) Engineering or administrative controls should be implemented to reduce exposure.

Engineering Controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects.)

Exposure Guidelines

Component: Thermoplastic Resin (9002-88-4)

No exposure limits established

Section 9: Physical and Chemical Properties

Boiling Point	No data	Liquid Density	No data	State	Solid
Vapor Pressure	No data	Percent Volatiles	No data	Physical Form	Pellets or powder
Specific Vapor Density	No data	Evaporation Rate	No data	Color	No data
Specific Gravity	No data	Appearance	No data	Odor	No data
				pH	No data

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Section 10: Stability and Reactivity**Hazardous Polymerization** Product will not undergo hazardous polymerization.**Hazardous Decomposition**

May form: alcohols, aldehydes, carbon dioxide and carbon monoxide, organic acids, various hydrocarbons.

Chemical Stability Stable**Incompatibility** Avoid contact with: none known.**Section 11: Toxicological Information – No data****Section 12: Ecological Information – No data****Section 13: Disposal Consideration****Waste Management Information**

Dispose of in accordance with all applicable local, state and federal regulations. For assistance with your waste management needs – including disposal, recycling and waste stream reduction, contact Ashland Distribution Company, IC & S Environmental Services Group at 800-637-7922.

Section 14: Transport Information**DOT Information - 49 CFR 172.101****DOT Description** Non-regulated by D.O.T.**Container/Mode** 55 Gallon Drum/Truck Package**NOS Component** None**RQ (Reportable Quantity) – 49 CFR 172.101** Not applicable**Other Transportation Information** The DOT Transport Information may vary with the container and mode of shipment.**Section 15: Regulatory Information****US Federal Regulations****TSCA (Toxic Substances Control Act) Status**

TSCA (United States) The intentional ingredients of this product are listed

CERCLA RQ – 40 CFR 302.4(a) None listed**SARA 302 Components – 40 CFR 355 Appendix A** None**Section 311/312 Hazard Class – 40 CFR 370.2**

Immediate (X) Delayed () Fire () Reactive () Sudden Release of Pressure ()

SARA 313 Components – 40 CFR 372.65 None**OSHA Process Safety Management – 29 CFR 1910** None listed**EPA Accidental Release Prevention – 40 CFR 68** None listed**International Regulations****Inventory Status**

DSL (Canada) The intentional ingredients of this product are listed.

State and Local Regulations**California Proposition 65** None**Section 16: Other Information**

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

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