

Product Code: 5098

Approval date: 12/17/2002

MATERIAL SAFETY DATA SHEET

MSDS Page 1

Continued on next page

Sybron Chemicals Inc. Bayer Corporation 200 Birmingham Road Birmingham, NJ 08011

INTERNATIONAL:	800-424-9300 703-527-3887	NON-TRANSPORTATION BAYER EMERGENCY PHONE BAYER INFORMATION PHO	ONE.: (609) 893-1100
1. CHEMICAL PRODUCT	IDENTIFICATION	: : 	
	5098 Styrene divinyl Styrene-divinyl groups in free	benzene-copolymer with base form	
2. COMPOSITION/INFO			
INGREDIENT NAME /CAS NUMBER EXP			CONCENTRATION (%)
**** HAZA	RDOUS INGREDIEN	TS ****	
		s ingredients as define rd Communication Standa	
3. HAZARDS IDENTIFI	CATION:		
* * Color: Light * Product pose * hazard if in	EMERGEN tan to amber; s little or no volved in a fir	Form: Beads; Odor: Od hazard if spilled and n	* dorless; * do unusual * *
POTENTIAL HEALTH EFFEC	TS:		
ROUTE(S) OF ENTRY		Eye and skin contact.	

3. HAZARDS IDENTIFICATION (Continued)

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE: ACUTE EFFECTS OF EXPOSURE: Based on animal toxicity testing of a similar product this product is expected to be non-irritating to the eyes and skin. CHRONIC EFFECTS OF EXPOSURE: No applicable information was found concerning any adverse chronic health effects from overexposure to this product.
CARCINOGENICITY: This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known
4. FIRST AID MEASURES:
FIRST AID FOR EYES: In case of contact, immediately flush eyes with water occasionally lifting upper and lower lids until no evidence of chemical remains (usually 15-20 minutes). FIRST AID FOR SKIN: Remove product from clothing. Wash affected skin area with soap and water. Wash clothing before reuse. Seek medical attention if irritation develops. FIRST AID FOR INHALATION: Exposure by inhalation is not expected under normal conditions of use due to the physical nature of this material. FIRST AID FOR INGESTION.: If swallowed, call a physician.
5. FIRE FIGHTING MEASURES:
FLASH POINT: Not Established AUTO-IGNITION TEMPERATURE: Greater than 482 F (250 C) DIN 51794 EXTINGUISHING MEDIA: Water; Dry Chemical; Carbon Dioxide; Foam SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
6. ACCIDENTAL RELEASE MEASURES:
SPILL OR LEAK PROCEDURES: Utilize protective clothing and equipment. Spills should be swept up and placed in containers. Spill area can be

Product Code: 5098 MSDS Page 2
Approval date: 12/17/2002 Continued on next page

washed with water. Collect wash water for approved disposal.

______ HANDLING AND STORAGE: ______ STORAGE TEMPERATURE(MIN/MAX): 32 F (0 C)/104 F (40 C) SHELF LIFE...... Minimum five (5) years if stored in sealed original container. SPECIAL SENSITIVITY.....: Avoid loss of moisture (water) used to swell the beads. HANDLING/STORAGE PRECAUTIONS: Store in dry place, away from excessive heat, in original or similar waterproof containers. Reseal containers immediately after use. Avoid unnecessary contact. Protect from freezing. PERSONAL PROTECTION: EYE PROTECTION REQUIREMENTS.....: Protective goggles. SKIN PROTECTION REQUIREMENTS.....: Cloth gloves, long sleeved shirts and pants. Employees should wash their hands and face before eating, drinking or using tobacco products. VENTILATION REQUIREMENTS.....: Under normal conditions of use, special ventilation is not required. RESPIRATOR REQUIREMENTS...... Under normal conditions of use, respiratory protection is not required. ADDITIONAL PROTECTIVE MEASURES.....: Emergency showers and eye wash stations should be available. Educate and train employees in the safe use and handling of this product. PHYSICAL AND CHEMICAL PROPERTIES: PHYSICAL FORM..... Beads COLOR..... Light tan to amber ODOR....: Odorless

pH Max. 9 in aqueous solution

BOILING POINT....: Not Established
MELTING/FREEZING POINT...: Not Established
SOLUBILITY IN WATER ...: Not Applicable
SPECIFIC GRAVITY ...: Approx. 1.03
BULK DENSITY...: 600 - 700 kg/m3
VAPOR PRESSURE ...: Not Applicable

Product Code: 5098 MSDS Page 3
Approval date: 12/17/2002 Continued on next page

10. STABILITY AND REACTIVITY:
STABILITY: This is a stable material. HAZARDOUS POLYMERIZATION: Will not occur. INCOMPATIBILITIES: Oxidizing and reducing agents. INSTABILITY CONDITIONS: None known. DECOMPOSITION TEMPERATURE: Not Established DECOMPOSITION PRODUCTS: CO, CO2, oxides of nitrogen, and other potentiall toxic fumes.
11. TOXICOLOGICAL INFORMATION:
ACUTE TOXICITY DERMAL LD50: Greater than 2000 mg/kg (Rat). The dosage of 2000 mg/kg caused no symptoms.* EYE EFFECTS: Non-irritating to rabbit eyes.* SKIN EFFECTS: Non-irritating to rabbit skin. (4 hr. exposure)* * Based on a similar product
12. ECOLOGICAL INFORMATION:
NO ECOLOGICAL INFORMATION AVAILABLE
13. DISPOSAL CONSIDERATIONS
WASTE DISPOSAL METHOD: Waste disposal should be in accordance with existing federal, state and local environmental regulations.
14. TRANSPORTATION INFORMATION:
TECHNICAL SHIPPING NAME: Styrene divinylbenzene copolymer FREIGHT CLASS BULK: Synthetic plastics w/ or w/out filler,flakes,granules,pellets, liq.,powder. FRT class 60
FREIGHT CLASS PACKAGE: Synthetic plastics w/or w/out filler,flakes,granules,pellets, liq.,po wder.

Product Code: 5098 MSDS Page 4
Approval date: 12/17/2002 Continued on next page

14. TRANSPORTATION INFORMATION (Continued)

FRT class 60.

PRODUCT LABEL..... : Ionac AFP-329

DOT (DOMESTIC SURFACE)

HAZARD CLASS OR DIVISION: Non-Regulated

IMO / IMDG CODE (OCEAN)

HAZARD CLASS DIVISION NUMBER...: Non-Regulated

ICAO / IATA (AIR)

HAZARD CLASS DIVISION NUMBER...: Non-Regulated

15. REGULATORY INFORMATION:

OSHA STATUS.....: This product is not hazardous under the criteria

of the Federal OSHA Hazard Communication Standard

29 CFR 1910.1200.

TSCA STATUS...... On TSCA Inventory

CERCLA REPORTABLE QUANTITY..: None

SARA TITLE III:

SECTION 302 EXTREMELY

HAZARDOUS SUBSTANCES..: None

SECTION 311/312

HAZARD CATEGORIES....: Non-hazardous under Section 311/312

SECTION 313

TOXIC CHEMICALS....: None

RCRA STATUS..... If discarded in its purchased form, this product

would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a

material containing the product or derived from the product should be classified as a hazardous

waste. (40 CFR 261.20-24)

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

COMPONENT NAME

/CAS NUMBER CONCENTRATION STATE CODE

Product Code: 5098 MSDS Page 5
Approval date: 12/17/2002 Continued on next page

15. REGULATORY INFORMATION (Continued)

COMPONENT NAME

/CAS NUMBER CONCENTRATION STATE CODE

Methanamine, N-methyl-, reaction products with chloromethylated divinylbenzene-ethenylethylbenzene-styrene polymer

69011-17-2 45-55 PA3, N

Water

7732-18-5 45 - 55 % PA3, NJ4

NJ4 = New Jersey Other - included in 5 predominant ingredients > 1%

PA3 = Pennsylvania Non-hazardous present at 3% or greater.

16. OTHER INFORMATION:

HMIS RATINGS: Health Flammability Reactivity

0 1 1

0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

Bayer's method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS ratings are provided by Bayer as a customer service.

REASON FOR ISSUE..... New Product

PREPARED BY..... S. Van Volkenburg APPROVED BY...... John F. McPeak

APPROVAL DATE....: 12/17/2002

SUPERSEDES DATE....: None MSDS NUMBER....: 47201

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Product Code: 5098
Approval date: 12/17/2002

MSDS Page 6 Last page