


Material Safety Data Sheet

(24206 – Part B)



Section 1: Chemical Product and Company Identification

<p>Product Name: Crystal Clear 206 – Part B</p> <p>Catalog Number: 24206</p> <p>CAS#: 5124-30-1</p> <p>General Use: Polyurethane Elastomer</p>	<p>Contact Information: Electron Microscopy Sciences 1560 Industry Road Hatfield, PA 19440 1-215-412-8400 (phone) 1-800-523-5874 (toll-free) 1-215-412-8450 (fax) Order Online: emsdiasum.com</p> <p>CHEMTREC (24-Hour Emergency Telephone), call: 1-800-424-9300</p>
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Section 2: Composition and Information on Ingredients

Component	ACGIH TWA	OSHA PEL	Hazard Designation	Weight %
Polyol/Plasticizer Blend (Non-Hazardous)	None established	None established	None	99.6-99.8
Phenylmercuric neodecanoate CAS Number: 26545-49-3 EINECS Number: 247-783-7	None established	None established	 Xn	0.2-0.4

Section 3: Hazards Identification

<p>Hazard Designation: Europe (Xn=Harmful) </p> <p>HMIS: Health – 2</p> <p>Risk phrases pertaining to particular dangers: Risk Phrases: R20/21/22: Harmful by inhalation, contact with skin and if swallowed. R33: Danger of cumulative effects. R52/R53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>Classified according to Articles 6 & 7 of Directive 1999/45/EC</p>	<p style="text-align: center;">Canada </p> <p>Reactivity: 0</p>	
Flammability – 1		

Section 4: First Aid Measures

<p>Inhalation: Remove source(s) of contamination and move victim to fresh air.</p> <p>Eye Contact: Flush eyes with plenty of water. If irritation persists, seek medical attention.</p> <p>Skin Contact: In case of skin contact, wash thoroughly with soap and water; remove contaminated clothing and launder before reuse; seek medical attention if rash develops.</p> <p>Ingestion: Do not induce vomiting unless instructed by a physician. Contact physician immediately.</p> <p>After first aid, get appropriate in-plant, paramedic, or community medical support.</p>
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Section 5: Fire and Explosion Data

Flash Point: >365°F (185°C)

Flash Point Method: TCC

Flammability Classification: Non-flammable

Extinguishing Media: Water Fog, Dry Chemical, and Carbon Dioxide Foam

Unusual Fire or Explosion Hazards: None

Fire-Fighting Instructions: Fire fighters should wear self-contained breathing apparatus. Do not release runoff from fire control methods to sewers or waterways.

Fire Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

Section 6: Accidental Release Measures

Spill/Leak Procedures: Dike and contain spill; absorb or scrape up excess into suitable container for disposal. Stop or reduce discharge if it can be done safely.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7: Handling and Storage

Handling Precautions: Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment. Use good general housekeeping procedures.

Storage Requirements: Store in cool, dry, well ventilated area.

Section 8: Exposure Controls/Personal Protection

Respiratory Protection: Follow OSHA respirator regulations 29 CFR 1910.134 and European Standards EN 141, 143 and 371; wear an MSHA/NIOSH or European Standards EN 141, 143 and 371 approved respirators. Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye and face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9: Physical and Chemical Properties

Physical State: Liquid

Appearance: Clear colorless liquid

Odor: Musty odor

Vapor Pressure: None (polymeric resin)

Vapor Density (Air=1): >1

Specific Gravity (H₂O=1, at 4°C): 1.03

Water Solubility: Negligible

Boiling Point: None (polymeric resin)

% Volatile: Nil

Freezing/Melting Point: None determined

Viscosity: 8 poise

Evaporation Rate: None (polymeric resin)

Section 10: Stability and Reactivity Data

Stability: These products are stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization can not occur.

Chemical Incompatibilities: Strong acids and oxidizers.

Conditions to Avoid: Avoid contamination with water and other materials that react with amines.

Hazardous Decomposition Products: Oxides of nitrogen, carbon monoxide and carbon dioxide.

Section 11: Toxicological Information

Acute Inhalation Effects: None established

Acute Oral Effects: None established

Reproductive Toxicity: None established

Mutagenicity: None established

Teratogenicity: None established

Sensitization: None established

Section 12: Ecological Information

None Established

Section 13: Disposal Considerations

Disposal: These materials must be disposed of in accordance with Federal, state and local regulations. Incineration is the best possible method for disposal.

Section 14: Transport Information

DOT	IATA	IMDG
Not regulated	Not regulated	Not regulated

Section 15: Other Regulatory Information

United States EPA Regulations:

SARA Toxic Chemical (40 CFR 372.65): This product contains the following chemicals that are subject to release reporting requirements under Section 313 of SARA Title III.

<u>Components that Require Reporting</u>	<u>RQ</u>	<u>% of Reportable Component</u>
Mercury (as part of catalyst)	1 lb.	0.074

TSCA Inventory Status (40 CFR 710): All components of these products are listed in the TSCA Inventory.

California Proposition 65: These products do not intentionally contain any chemicals, which have been identified by the state of California to cause cancer, birth defects or other reproductive harm.


Canadian Regulations:

WHIMS Identification: **D2A, D2B**



CDSL/NDL (Canadian Domestic Substance List/Non Domestic Substance List): **Listed on CDSL**

Labeling according to EEC Directive

Risk Phrases	Symbol(s) Required for EU Label	Safety Phrases
<p>R20/21/22: Harmful by inhalation, contact with skin and if swallowed. R33: Danger of cumulative effects. R52/53: Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment.</p>	<p style="text-align: center;"> Xn = Harmful</p>	<p>S1/2: Keep locked up and out of reach of children. S3: Keep in a cool place. S28: After contact with skin, wash immediately with plenty of soap and water. S35: This material and its container must be disposed of in a safe way. S45: In case of an accident or if you feel sick, seek medical attention. S61: Avoid release to the environment. (See MSDS).</p>

Section 16: Other Information:

Date Updated, Verified and Printed: June 23, 2011

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Electron Microscopy Sciences be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Electron Microscopy Sciences has been advised of the possibility of such damages.