

Aexcel Corporation

Material Safety Data Sheet

24 Hour Emergency:
CHEMTREC: 1-800-424-9300

Outside U.S. and Canada
Chemtrec: 703-527-3887

NOTE: CHEMTREC, CANUTEC and National
Response Center emergency numbers to be used only
in the event of chemical emergencies involving a
spill, leak, fire, exposure or accident involving
chemicals

Section 1 - Chemical Product / Company Information

Product Name:	BLACK EPOXY ADHESIVE	Revision Date:	10/10/2013
Identification Number:	95A-D001	Supersedes :	08/23/2010
Product Use/Class:	55		
Supplier:	Aexcel Corporation 7373 Production Drive Mentor, OH 44060	Manufacturer:	Aexcel Corporation 7373 Production Drive Mentor, OH 44060
Preparer:	Webb, Lorie		

Section 2 - Composition / Information On Ingredients

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Wt. %</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH TLV-STEL</u>	<u>OSHA PEL-TWA</u>
NONYLPHENOL AMINOETHYPIPERAZINE HP	84852-15-3 140-31-8	34. 17.	ne 1 ppm 8 hours	ne ne	ne 1 ppm 8 hours

Section 3 - Hazards Identification

Emergency Overview: Flammable liquid and vapor.

Effects Of Overexposure - Eye Contact: Direct eye contact may cause irritation.

Effects Of Overexposure - Skin Contact: Skin irritant.

Effects Of Overexposure - Inhalation: Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

Effects Of Overexposure - Ingestion: Harmful: may cause lung damage if swallowed.

Effects Of Overexposure - Chronic Hazards: Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Ingestion, Eye Contact

Section 4 - First Aid Measures

First Aid - Eye Contact: Get medical attention immediately. Rinse with plenty of water for at least 15 minutes.

First Aid - Skin Contact: Get medical attention immediately. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing or wear gloves.

First Aid - Inhalation: Get medical attention immediately. Move exposed person to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, or if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

First Aid - Ingestion: Get medical attention immediately. Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel.

Notes to physician: Symptomatic treatment and supportive therapy as indicated. Administer oxygen if necessary. Following severe exposure the patient should be kept under medical review for at least 48 hours as delayed pulmonary edema may develop.

Section 5 - Fire Fighting Measures

Flash Point, F: > 200 Deg.

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam

Unusual Fire And Explosion Hazards: Remove all sources of ignition.

Special Firefighting Procedures: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

<u>Chemical Name</u>	<u>LEL</u>	<u>UEL</u>	<u>FLASH POINT F.</u> <u>DEG</u>	<u>AUTO-IGNITION</u> <u>TEMP. F DEG</u>
NONYLPHENOL AMINOETHYLPIPERAZINE HP	Not determined 1.0	Not determined 6.5	310.00 212.00	ne ne

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Soak up with inert absorbent material and dispose of as hazardous waste.

Section 7 - Handling And Storage

Handling: Containers of this material may be hazardous when emptied. Handle in accordance with good industrial hygiene and safety practice.

Storage: Harmful - Store away from foodstuffs.

Keep out of reach of children.

For industrial use only.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

Respiratory Protection: In the case of respirable dust and/or fumes, use self-contained breathing apparatus. If a risk assessment indicates, wear a properly fitted air-purifying respirator.

Skin Protection: Impervious gloves. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by specialists before handling this product.

Eye Protection: Safety glasses with side-shields.

Section 9 - Physical And Chemical Properties

Odor: Characteristic
 Appearance: Heavy black liquid
 Specific Gravity: 1.383
 Physical State: Liquid

(See section 16 for abbreviation legend)

<u>CHEMICAL NAME</u>	<u>VAPOR DENSITY</u>	<u>EVAPORATION RATE</u>	<u>BOILING POINT</u>	<u>VP mmHg</u>	<u>at DEG. F</u>
NONYLPHENOL	> 1	ne	560	< 1 mmHg	68
AMINOETHYLPIPERAZINE HP	4.4	ne	432	< 0.1 mmHg	68

Section 10 - Stability And Reactivity

Conditions To Avoid: Avoid heat, sparks, open flame and other ignition sources.

Incompatibility: Keep away from strong oxidizing agents, heat and open flames.

Hazardous Decomposition Products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Hazardous Polymerization: Will not occur.

Stability: Stable

Section 11 - Toxicological Information

No Data.

Section 12 - Ecological Information

Ecological Information: Do not allow material to contaminate ground water system.

Section 13 - Disposal Information

Disposal Information: Contact waste disposal services. Do not flush into surface water or sanitary sewer system.

Section 14 - Transportation Information

DOT Proper Shipping Name: Corrosive Liquid NOS Packing Group:III
 DOT Hazard Class: 8
 DOT UN/NA Number: 1760

Section 15 - Regulatory Information

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

SARA Section 312:

Chemical Name
 NONYLPHENOL
 AMINOETHYLPIPERAZINE HP

CAS Number
 84852-15-3
 140-31-8

SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

None

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

NONYLPHENOL

U.S. State Regulations: As follows –

California Proposition 65:

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

None

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

None

International Regulations: As follows –

CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

CANADIAN WHMIS CLASS:

Section 16 - Other Information

HMIS Ratings:

Health: 3 Flammability: 1 Reactivity: 0

VOLATILE ORGANIC COMPOUNDS, GR/LTR:

REASON FOR REVISION:

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.