



POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

SYNPLAST 3XA ELECTRICAL

Version Number 1.1
Revision Date 09/27/2005

Page 1 of 5
Print Date 8/22/2012

1. PRODUCT AND COMPANY IDENTIFICATION

POLYONE CORPORATION
33587 Walker Road, Avon Lake, OH 44012

Telephone : Product Stewardship (440) 930-1395
Emergency telephone number : **CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).**

Product name : SYNPLAST 3XA ELECTRICAL
Product code : Z03XAEB000
Chemical Name : Mixture
CAS-No. : Mixture
Product Use : Industrial Applications

2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS

There are no known hazardous components above regulatory thresholds in this product.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This product has not been evaluated as a whole for health effects. Information provided on the health effects of this product is based on individual components. In addition, some vapors or contaminants may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. See sections 8 and 11 for special precautions.

POTENTIAL HEALTH EFFECTS

Routes of Exposure: : Inhalation, Skin contact, Ingestion

Acute exposure

Inhalation : Inhalation of airborne droplets may cause irritation of the respiratory tract.
Ingestion : May be harmful if swallowed.
Eyes : Contact with eyes may cause irritation.
Skin : Experience shows no unusual dermatitis hazard from routine handling.

Chronic exposure : Refer to Section 11 for Toxicological Information.

Medical Conditions : None known.

Aggravated by Exposure:

4. FIRST AID MEASURES

POLYONE CORPORATION**MATERIAL SAFETY DATA SHEET****SYNPLAST 3XA ELECTRICAL**Version Number 1.1
Revision Date 09/27/2005Page 2 of 5
Print Date 8/22/2012

- Inhalation : Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. Seek medical attention after significant exposure.
- Ingestion : Do not induce vomiting without medical advice. Seek medical attention if necessary.
- Eyes : Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, seek medical attention.
- Skin : Wash off with soap and plenty of water. If skin irritation persists seek medical attention.

5. FIRE-FIGHTING MEASURES

- Flash point : 209 °C
- Flammable Limits
- Upper explosion limit : No data available
 - Lower explosion limit : No data available
- Autoignition temperature : No data available
- Suitable extinguishing media : carbon dioxide (CO₂), Water spray can be used to cool fire exposed surfaces., dry powder, foam.
- Special Fire Fighting Procedures : Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.
- Unusual Fire/Explosion Hazards : Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other hazardous materials, and smoke are all possible.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.
- Environmental precautions : The product should not be allowed to enter drains, water courses or the soil. Should not be released into the environment.
- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Package all material in appropriate container for disposal. Refer to Section 13 of this MSDS for proper disposal methods.

7. HANDLING AND STORAGE

- Handling : Heat only in areas with appropriate exhaust ventilation.
- Storage : Keep containers dry and tightly closed to avoid moisture absorption and contamination. Store in a cool dry place.

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

SYNPLAST 3XA ELECTRICAL

Version Number 1.1
Revision Date 09/27/2005

Page 3 of 5
Print Date 8/22/2012

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Respiratory protection : Under normal handling conditions a respirator may not be required.
- Eye/Face Protection : Safety glasses with side-shields.
- Hand protection : Protective gloves.
- Skin and body protection : Long sleeved clothing.
- Additional Protective Measures : Safety shoes.
- General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
- Engineering measures : Heat only in areas with appropriate exhaust ventilation. Provide appropriate exhaust ventilation at machinery.

Exposure limit(s)

There are no known hazardous components above regulatory thresholds in this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | | | |
|---------------------|---------------------|-------------------|----------------------|
| Form | : liquid | Evaporation rate | : Negligible |
| Appearance | : Viscous, liquid | Specific Gravity: | : 0.918 |
| Color | : TRANSPARENT | Bulk density | : Not applicable |
| Odor | : Very faint | Vapor pressure | : 9.9 mm Hg @ 237 °C |
| Melting point/range | : -5°C(23°F) | Pour point | : Not determined |
| Boiling Point: | : No data available | pH | : Not determined |
| Water solubility | : No data available | | |

10. STABILITY AND REACTIVITY

- Stability : Stable.
- Hazardous Polymerization : Will not occur.
- Conditions to avoid : Keep away from oxidizing agents and open flame.
- Incompatible Materials : Incompatible with strong acids and oxidizing agents.
- Hazardous decomposition products : Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other hazardous materials, and smoke are all possible.

11. TOXICOLOGICAL INFORMATION



POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

SYNPLAST 3XA ELECTRICAL

Version Number 1.1
Revision Date 09/27/2005

Page 4 of 5
Print Date 8/22/2012

There are no known hazardous components above regulatory thresholds in this product.

12. ECOLOGICAL INFORMATION

- Persistence and degradability : Readily biodegradable.
- Environmental Toxicity : Adverse ecological impact is not known or expected under normal use.
- Bioaccumulation Potential : Does not bioaccumulate.
- Additional advice : No data available

13. DISPOSAL CONSIDERATIONS

- Product : Where possible recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.
- Contaminated packaging : Recycling is preferred when possible. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

14. TRANSPORT INFORMATION

- U.S. DOT Classification : Not regulated for transportation.
- ICAO/IATA (air) : Not regulated for transportation.
- IMO / IMDG (maritime) : Not regulated for transportation.

15. REGULATORY INFORMATION

US Regulations:

- OSHA Status : There are no known hazardous components above regulatory thresholds in this product.
- TSCA Status : All components of this product are listed on or exempt from the TSCA Inventory.

US. EPA CERCLA Hazardous Substances (40 CFR 302)

Not applicable

POLYONE CORPORATION**MATERIAL SAFETY DATA SHEET****SYNPLAST 3XA ELECTRICAL**Version Number 1.1
Revision Date 09/27/2005Page 5 of 5
Print Date 8/22/2012California Proposition : Not applicable
65SARA Title III Section 302 Extremely Hazardous Substance
Not applicable

SARA Title III Section 313 Toxic Chemicals:

Not applicable
Canadian Regulations:

National Pollutant Release Inventory (NPRI)

Chemical Name	CAS-No.	Weight %	NPRI ID#
Bis (2-ethylhexyl) adipate	103-23-1	10.00 - 30.00	24
Bisphenol A	80-05-7	0.10 - 1.00	143
Bis (2-ethylhexyl) adipate	103-23-1	10.00 - 30.00	24

WHMIS Classification : Not controlled.

DSL : All components of this product are on the Canadian Domestic
Substances List (DSL) or are exempt.

National Inventories:

Australia AICS : Listed
China IECS : Listed
Europe EINECS : Not determined
Japan ENCS : Not determined
Korea KECI : Not determined
Philippines PICCS : Not determined**16. OTHER INFORMATION**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material when used in combination with any other materials and/or in any particular process or processing conditions.