

POLYONE CORPORATION**MATERIAL SAFETY DATA SHEET****STAN-TONE HCC-33204 BLACK**Version Number 1.2
Revision Date 03/13/2014Page 1 of 7
Print Date 3/25/2014**1. PRODUCT AND COMPANY IDENTIFICATION****POLYONE CORPORATION**
8155 Cobb Center Drive, Kennesaw, GA 30152

Telephone : 1 (440) 930-1000 or 1 (866) POLYONE
Emergency telephone : CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure
number or accident).

Product name : STAN-TONE HCC-33204 BLACK
Product code : FO20025322
Chemical Name : Mixture
CAS-No. : Mixture
Product Use : Industrial Applications

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight percent
Propylene glycol diamine, 2-amino-, diether with Propylene	9046-10-0	60 - 100
Carbon black	1333-86-4	10 - 30

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

This mixture has not been evaluated as a whole for health effects. Information provided on health effects of this product is based on the individual components. However, 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. This product may contain amine catalyst. Please note these catalysts can be corrosive. Severe skin, eye, and irritation or damage may result with direct contact.

POTENTIAL HEALTH EFFECTS**Routes of Exposure:** : Inhalation, Skin contact, Ingestion**Acute exposure**

Inhalation : Vapors or mists from heating or from poorly ventilated areas may cause irritation. Nasal discharge, coughing or discomfort to the nose and throat may occur. Prolonged overexposure may result in lung damage.

Ingestion : Can cause burning of mouth, throat, and stomach. Nausea, vomiting, diarrhea, thirst, weakness and collapse may occur. Aspiration may occur during swallowing or vomiting, resulting in lung damage.

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

STAN-TONE HCC-33204 BLACK

Version Number 1.2
Revision Date 03/13/2014

Page 2 of 7
Print Date 3/25/2014

Eyes : Can cause severe irritation or chemical burns to the eyes with excessive tearing and redness. May cause blindness.
Skin : May cause severe irritation or chemical burns with possible tissue destruction. Short term adverse effects are not expected from brief skin contact with immediate first aid response.

Chronic exposure : Refer to Section 11 for Toxicological Information.

Medical Conditions Aggravated by Exposure: : None known.

4. FIRST AID MEASURES

Inhalation : Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. When symptoms persist or in all cases of doubt seek medical advice.
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 : Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use. Wash off with soap and plenty of water. If skin irritation persists seek medical attention.

5. FIREFIGHTING MEASURES

Flash point : no data available
Flammable Limits
Upper explosion limit : no data available
Lower explosion limit : no data available
Auto-ignition temperature : Not applicable
Suitable extinguishing media : Carbon dioxide blanket, Water spray, 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

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

STAN-TONE HCC-33204 BLACK

Version Number 1.2
Revision Date 03/13/2014

Page 3 of 7
Print Date 3/25/2014

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. Prolonged heating may result in product degradation.

Storage : Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection : In high vapour concentrations, use respiratory protection with independent air supply.

Eye/Face Protection : Wear goggles or face shield during operations that present a splash potential. Do not wear contact lenses.

Hand protection : Protective gloves

Skin and body protection : Long sleeved shirts and long pants are adequate for normal handling. Where operations present a splash or spill potential, employees should wear chemically resistant clothing, boots, apron, gloves, and eye/face protection.

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)

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

STAN-TONE HCC-33204 BLACK

Version Number 1.2
Revision Date 03/13/2014

Page 4 of 7
Print Date 3/25/2014

Components	Value	Exposure time	Exposure type	List:
Carbon black	3.5 mg/m3	Recommended exposure limit (REL):		NIOSH
	0.1 mg/m3	Recommended exposure limit (REL):		NIOSH
	3.5 mg/m3	PEL:		OSHA Z1
	3.5 mg/m3	Time Weighted Average (TWA):		OSHA Z1A
	3.5 mg/m3	Time Weighted Average (TWA):		MX OEL
	7 mg/m3	Short Term Exposure Limit (STEL):		MX OEL
	3 mg/m3	Time Weighted Average (TWA):	Inhalable fraction.	ACGIH

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid	Evaporation rate	: Not established
Appearance	: liquid, Viscous liquid dispersion	Specific Gravity	: Not determined
Colour	: BLACK	Bulk density	: Not applicable
Odour	: very faint	Vapour pressure	: Not determined
Melting point/range	: not applicable	Vapour density	: Heavier than air.
Boiling Point:	: not applicable	pH	: Not determined
Water solubility	: immiscible		

10. STABILITY AND REACTIVITY

Stability	: Stable
Hazardous Polymerization	: Will not occur.
Conditions to avoid	: Keep away from oxidizing agents and open flame. To avoid thermal decomposition, do not overheat.
Incompatible Materials	: Incompatible with strong acids and oxidizing agents.
Hazardous decomposition products	: Carbon dioxide (CO ₂), carbon monoxide (CO), oxides of nitrogen (NO _x), other hazardous materials, and smoke are all possible.

11. TOXICOLOGICAL INFORMATION

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Toxicity Overview

This product contains the following components which in their pure form have the following characteristics:

CAS-No.	Chemical Name	Effect	Target Organ
---------	---------------	--------	--------------

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

STAN-TONE HCC-33204 BLACK

Version Number 1.2
Revision Date 03/13/2014

Page 5 of 7
Print Date 3/25/2014

9046-10-0	Propylene glycol diamine, 2-amino-, diether with Propylene	Toxic	Refer to LC50 / LD50 Data on MSDS..
		Corrosive	Eyes, Skin.
1333-86-4	Carbon black	Systemic effects	Eyes, Respiratory system.

LC50 / LD50

This product contains the following components which, in their pure form, have the following toxicity data:

CAS-No.	Chemical Name	Route	Value	Species
9046-10-0	Propylene glycol diamine, 2-amino-, diether with Propylene	Oral LD50	242 mg/kg	rat
		Dermal LD50	360 mg/kg	rabbit
1333-86-4	Carbon black	Oral LD50	> 15,400 mg/kg	rat
		Dermal LD50	> 3 gm/kg	rabbit

Additional Health Hazard Information:

Carbon black 1333-86-4 Carcinogenicity: Many inhalation toxicologists believe that the tumor response observed in the referenced rat studies is species specific and does not correlate to human exposure. However, the IARC evaluation in Monograph Volume 65, issued in April 1996 concluded that, "There is sufficient evidence in experimental animals for the carcinogenicity of carbon black". Based on this evaluation, along with their evaluation of inadequate evidence of carcinogenicity in humans, IARC's overall evaluation is that "Carbon Black is possibly carcinogenic to humans (Group 2B). The IARC 2B listing only pertains to airborne, unbound carbon black particles of respirable size. Carbon Black has not been listed as a carcinogen by the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA). The National Institute of Occupational Safety and Health (NIOSH) criteria document on carbon black recommends that only carbon black with PAH (polynuclear aromatic hydrocarbon) levels greater than 0.1% be considered suspect carcinogens.

12. ECOLOGICAL INFORMATION

- Persistence and degradability : Not readily biodegradable.
- Environmental Toxicity : Environmental toxicity has not been established for this mixture as a whole.
- Bioaccumulation Potential : no data available
- 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,



POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

STAN-TONE HCC-33204 BLACK

Version Number 1.2
Revision Date 03/13/2014

Page 6 of 7
Print Date 3/25/2014

state/provincial and local regulations.

14. TRANSPORT INFORMATION

U.S. DOT Classification
Proper Shipping Name: Corrosive liquids, n.o.s.
Technical Name: Polyoxypropylenediamine
Hazard Class / Division 8
UN Number UN1760
Packing Group III
Label Required 8

ICAO/IATA Refer to specific regulation.

IMO/IMDG (maritime) Refer to specific regulation.

15. REGULATORY INFORMATION

US Regulations:

OSHA Status : Classified as hazardous based on components.
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

California Proposition : Not applicable
65

SARA Title III Section 302 Extremely Hazardous Substance

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

SARA Title III Section 313 Toxic Chemicals:

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

Canadian Regulations:

National Pollutant Release Inventory (NPRI)

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

STAN-TONE HCC-33204 BLACK

Version Number 1.2
Revision Date 03/13/2014

Page 7 of 7
Print Date 3/25/2014

not applicable

WHMIS Classification : D1B

WHMIS Ingredient Disclosure List

CAS-No.
1333-86-4

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 : Listed
- Korea KECI : Listed
- Philippines PICCS : Listed

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 used in combination with any other materials or in any process, unless specified in the text.