

**POLYONE CORPORATION****MATERIAL SAFETY DATA SHEET****STAN-TONE HCC-6640 BROWN**Version Number 1.3  
Revision Date 03/12/2013Page 1 of 8  
Print Date 3/12/2013**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 or accident).**  
number

Product name : STAN-TONE HCC-6640 BROWN  
Product code : FO00005204  
Chemical Name : Mixture  
CAS-No. : Mixture  
Product Use : Industrial Applications

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

| Components                             | CAS-No.     | Weight percent |
|--|-------------|----------------|
| Carbon black                           | 1333-86-4   | 1 - 5          |
| Silica, amorphous, fumed, crystal-free | 112945-52-5 | 1 - 5          |
| Di(2-ethylhexyl)phthalate              | 117-81-7    | 30 - 60        |

**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.

**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 : May cause eye and skin irritation.  
Skin : Experience shows no unusual dermatitis hazard from routine handling.

**POLYONE CORPORATION**

**MATERIAL SAFETY DATA SHEET**

**STAN-TONE HCC-6640 BROWN**

Version Number 1.3  
Revision Date 03/12/2013

Page 2 of 8  
Print Date 3/12/2013

**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 : 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 (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), 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.

**7. HANDLING AND STORAGE**

**POLYONE CORPORATION**

**MATERIAL SAFETY DATA SHEET**

**STAN-TONE HCC-6640 BROWN**

Version Number 1.3

Revision Date 03/12/2013

Page 3 of 8

Print Date 3/12/2013

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

**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)

**POLYONE CORPORATION**

**MATERIAL SAFETY DATA SHEET**

**STAN-TONE HCC-6640 BROWN**

Version Number 1.3

Revision Date 03/12/2013

Page 4 of 8

Print Date 3/12/2013

| 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    |
| Di(2-ethylhexyl)phthalate              | 5 mg/m3   | Time Weighted Average (TWA):      |                        | ACGIH    |
|  | 5 mg/m3   | Recommended exposure limit (REL): |                        | NIOSH    |
|  | 10 mg/m3  | Short Term Exposure Limit (STEL): |                        | NIOSH    |
|  | 5 mg/m3   | PEL:                              |                        | OSHA Z1  |
|  | 5 mg/m3   | Time Weighted Average (TWA):      |                        | OSHA Z1A |
|  | 10 mg/m3  | Short Term Exposure Limit (STEL): |                        | OSHA Z1A |
|  | 5 mg/m3   | Time Weighted Average (TWA):      |                        | MX OEL   |
| Silica, amorphous, fumed, crystal-free | 10 mg/m3  | Short Term Exposure Limit (STEL): |                        | MX OEL   |
|  | 0.8 mg/m3 | Time Weighted Average (TWA):      |                        | Z3       |
|  | 10 mg/m3  | Time Weighted Average (TWA):      | Inhalable particulate. | MX OEL   |
|  | 3 mg/m3   | Time Weighted Average (TWA):      | Respirable dust.       | MX OEL   |

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                     |                                     |                  |                     |
|---------------------|-------------------------------------|------------------|---------------------|
| Form                | : liquid                            | Evaporation rate | : Not established   |
| Appearance          | : liquid, Viscous liquid dispersion | Specific Gravity | : Not determined    |
| Colour              | : BROWN                             | 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**

**POLYONE CORPORATION**

**MATERIAL SAFETY DATA SHEET**

**STAN-TONE HCC-6640 BROWN**

Version Number 1.3  
Revision Date 03/12/2013

Page 5 of 8  
Print Date 3/12/2013

- Stability : The product is stable if stored and handled as prescribed.
- 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<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), 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   |
|-------------|--|------------------|--|
| 1333-86-4   | Carbon black                           | Systemic effects | Eyes, Respiratory system.  |
| 112945-52-5 | Silica, amorphous, fumed, crystal-free | Irritant         | Eyes, Respiratory system.  |
| 117-81-7    | Di(2-ethylhexyl)phthalate              | Systemic effects | Eyes, Respiratory system, Liver, central nervous system (CNS), Skin, digestive 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 |
|-------------|--|-------------|----------------|---------|
| 1333-86-4   |  | Oral LD50   | > 15,400 mg/kg | rat     |
|             |  | Dermal LD50 | > 3 gm/kg      | rabbit  |
| 112945-52-5 | Silica, amorphous, fumed, crystal-free | Oral LD50   | 3,160 mg/kg    | rat     |
| 117-81-7    | Di(2-ethylhexyl)phthalate              | Oral        | 30 gm/kg       | rat     |
|             |  | LD50        | 25,000 mg/kg   | rabbit  |
|             |  | LD50        | 25 gm/kg       | rabbit  |
|             |  | Dermal LD50 | 25,000 mg/kg   |         |

Carcinogenicity

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

| CAS-No.  | Chemical Name             | OSHA | IARC | NTP |
|----------|---------------------------|------|------|-----|
| 117-81-7 | Di(2-ethylhexyl)phthalate | no   | 2B   | no  |

IARC Carcinogen Classifications:

**POLYONE CORPORATION**

**MATERIAL SAFETY DATA SHEET**

**STAN-TONE HCC-6640 BROWN**

Version Number 1.3  
Revision Date 03/12/2013

Page 6 of 8  
Print Date 3/12/2013

- 1 - The component is carcinogenic to humans.
- 2A - The component is probably carcinogenic to humans.
- 2B - The component is possibly carcinogenic to humans.

**NTP Carcinogen Classifications:**

- 1 - The component is known to be a human carcinogen.
- 2 - The component is reasonably anticipated to be a human carcinogen.

**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.

**Additional Health Hazard Information:**

**Di(2-ethylhexyl)phthalate 117-81-7** There is sufficient evidence for the carcinogenicity of di (2-ethylhexyl) phthalate in experimental animals. Administered in the feed this chemical caused an increase incidence of liver cancer in male and female rats and mice. The relevance of this finding to humans is uncertain.

**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, state/provincial and local regulations.

**POLYONE CORPORATION****MATERIAL SAFETY DATA SHEET****STAN-TONE HCC-6640 BROWN**Version Number 1.3  
Revision Date 03/12/2013Page 7 of 8  
Print Date 3/12/2013**14. TRANSPORT INFORMATION**

U.S. DOT Classification : Refer to specific regulation.  
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)

| Chemical Name             | CAS-No.  | RQ for component | RQ for Mixture/Product |
|---------------------------|----------|------------------|------------------------|
| Di(2-ethylhexyl)phthalate | 117-81-7 | 100 lbs          | 200 LB                 |

California Proposition 65 : WARNING! This product contains a chemical known to the State of California to cause cancer., WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

## 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

| Chemical Name             | CAS-No.  | Weight percent |
|---------------------------|----------|----------------|
| DI(2-ETHYLHEXYL)PHTHALATE | 117-81-7 | 30.00 - 60.00  |

## Canadian Regulations:

National Pollutant Release Inventory (NPRI)

**POLYONE CORPORATION****MATERIAL SAFETY DATA SHEET****STAN-TONE HCC-6640 BROWN**

Version Number 1.3

Revision Date 03/12/2013

Page 8 of 8

Print Date 3/12/2013

| Chemical Name             | CAS-No.  | Weight percent | NPRI ID# |
|---------------------------|----------|----------------|----------|
| Di(2-ethylhexyl)phthalate | 117-81-7 | 30.00 - 60.00  |          |

WHMIS Classification : D2A

## WHMIS Ingredient Disclosure List

| CAS-No.   |
|-----------|
| 1333-86-4 |
| 117-81-7  |

DSL : All of the components of this product are listed on the Canadian Inventories or are exempt. However, at least one component of this product is on the Canadian Non-Domestic Substances List (NDSL). Quantity use in Canada is restricted by regulations.

## National Inventories:

Australia AICS : Listed  
China IECS : Listed  
Europe EINECS : Listed  
Japan ENCS : Not determined  
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.