

# SAFETY DATA SHEET

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	
Trade name or designation of the mixture	HP Color LaserJet CF311A-AC Cyan Print Cartridge
Registration number	-
Synonyms	None.
Issue date	16-Jan-2014
Version number	04
Revision date	28-Aug-2018
Supersedes date	18-Sep-2015
1.2. Relevant identified uses o	f the substance or mixture and uses advised against
Identified uses	This product is a cyan toner preparation that is used in HP Color LaserJet Enterprise M855 series printers.
Uses advised against	None known.
1.3. Details of the supplier of t	he safety data sheet
	HP PPS Austria GmbH
	Wienerbergstrasse 41, 3rd Floor
	Wien, Austria 1120
Telephone	+43 (1) 81118-0000
HP Inc. health effects line	
(Toll-free within the US)	1-800-457-4209
(Direct)	1-760-710-0048
HP Inc. Customer Care Line	
(Toll-free within the US)	1-800-474-6836
(Direct)	1-208-323-2551
Email:	hpcustomer.inquiries@hp.com
1.4 Emergency telephone number	+43 (1) 406 43 43
SECTION 2: Hazards ide	entification

#### 2.1. Classification of the substance or mixture

### Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

#### 2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended		
Contains:	Amorphous silica, Pigment, Styrene acrylate copolymer, Wax	
Hazard pictograms	None.	
Signal word	None.	
Hazard statements	The mixture does not meet the criteria for classification.	
Precautionary statements		
Prevention	Not available.	
Response	Not available.	
Storage	Not available.	
Disposal	Not available.	
Supplemental label information	None.	
2.3. Other hazards	This preparation contains no component classified as Persistent, Bioaccumulative, and Toxic (PBT) or very Persistent and very Bioaccumulative (vPvB) as defined under Regulation (EC) 1907/2006. None of the ingredients have been classified as carcinogens according to EU, IARC, MAK, NTP, OSHA or ACGIH.	

# **SECTION 3: Composition/information on ingredients**

## 3.2. Mixtures

## General information

neral information					
Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Styrene acrylate copolymer	<90	Trade Secret	-	-	
Classification:		-			
Pigment	<10	Trade Secret	-	-	
Classification:		-			
Wax	<10	Trade Secret	-	-	
Classification:		-			
Amorphous silica	<3	7631-86-9	01-2119379499-16-xxxx	-	
Classification:		231-545-4			

## **SECTION 4: First aid measures**

General	information
General	mormation

Not available.

4.1. Description of first aid measures		
Inhalation	Move person to fresh air immediately. If irritation persists, consult a physician.	
Skin contact	Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.	
Eye contact	Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists, consult a physician.	
Ingestion	Rinse mouth out with water. Drink one to two glasses of water. If symptoms occur, consult a physician.	
4.2. Most important symptoms and effects, both acute and delayed	Not available.	
4.3. Indication of any immediate medical attention and special treatment needed	Not available.	

### **SECTION 5: Firefighting measures**

General fire hazards	Not available.
5.1. Extinguishing media Suitable extinguishing media	CO2, water, or dry chemical
Unsuitable extinguishing media	None known.
5.2. Special hazards arising from the substance or mixture	Like most organic material in powder form, toner can form explosive dust-air mixtures when finely dispersed in air.
5.3. Advice for firefighters Special protective equipment for firefighters	Not available.
Special fire fighting procedures	If fire occurs in the printer, treat as an electrical fire.
Specific methods	None established.

# **SECTION 6: Accidental release measures**

6.1. Personal precautions, protection For non-emergency	ctive equipment and emergency procedures Minimize dust generation and accumulation.	
personnel		
For emergency responders	Not available.	
6.2. Environmental precautions	Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.	
Material name: CF311A-AC		SDS AUSTRIA

6.3. Methods and material for containment and cleaning up	Slowly vacuum or sweep the material into a bag or other sealed container. Clean remainder with a damp cloth or vacuum cleaner. If a vacuum is used, the motor must be rated as dust explosion-proof. Fine powder can form explosive dust-air mixtures. Dispose of in compliance with federal, state, and local regulations.
6.4. Reference to other sections	Not available.

# **SECTION 7: Handling and storage**

7.1. Precautions for safe handling	Keep out of the reach of children. Avoid inhalation of dust and contact with skin and eyes. Use with adequate ventilation. Keep away from excessive heat, sparks, and open flames.
7.2. Conditions for safe storage, including any incompatibilities	Keep out of the reach of children. Keep tightly closed and dry. Store at room temperature. Store away from strong oxidizers.
7.3. Specific end use(s)	Not available.

## **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

**Occupational exposure limits** 

Components	dinance (GwV), BGBI. II, no. 184/2001 Type	Value	Form
Amorphous silica (CAS 7631-86-9)	МАК	4 mg/m3	Inhalable fraction.
Biological limit values	No biological exposure limits noted for	the ingredient(s).	
Recommended monitoring procedures	Not available.		
Derived no effect levels (DNELs)	Not available.		
Predicted no effect concentrations (PNECs)	Not available.		
Exposure guidelines	, 5 mg/m3 (Respirable Fraction)		
	, 3 mg/m3 (Respirable Particulate)		
	Amorphous silica: USA OSHA (TWA/ mg/m3	PEL): 20 mppcf 80 (mg/m3)/	%SiO2, ACGIH (TWA/TLV): 10
	UK WEL: 10 mg/m3 (Respirable Dust)	, 5 mg/m3 (Inhalable Dust)	
8.2. Exposure controls			
Appropriate engineering controls	Use in a well ventilated area.		
Individual protection measure	s, such as personal protective equipme	ent	
General information	No personal respiratory protective equ	ipment required under norma	al conditions of use.
Eye/face protection	Not available.		
Skin protection			
- Hand protection	Not available.		
- Other	Not available.		
<b>Respiratory protection</b>	Not available.		
Thermal hazards	Not available.		
Hygiene measures	Not available.		
Environmental exposure controls	Not available.		

# **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Appearance	Fine powder
Physical state	Solid.
Form	solid
Color	Cyan
Odor	Slight plastic odor
Odor threshold	Not available.

рН	Not applicable
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	plosive limits
Flammability limit - lower (%)	Not flammable
Flammability limit - upper (%)	Not available.
Vapor pressure	Not applicable
Vapor density	Not applicable
Solubility(ies)	
Solubility (water)	Negligible in water. Partially soluble in toluene and xylene.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not applicable
Decomposition temperature	> 392 °F (> 200 °C)
Viscosity	Not applicable
Explosive properties	Not available.
Oxidizing properties	No information available.
9.2. Other information	
Percent volatile	0 % estimated
Softening point	176 - 266 °F (80 - 130 °C)
Specific gravity	1 - 1.2

# SECTION 10: Stability and reactivity

10.1. Reactivity	Not available.
10.2. Chemical stability	Stable under normal storage conditions.
10.3. Possibility of hazardous reactions	Will not occur.
10.4. Conditions to avoid	Imaging Drum: Exposure to light
10.5. Incompatible materials	Strong oxidizers
10.6. Hazardous decomposition products	Carbon monoxide and carbon dioxide.

# **SECTION 11: Toxicological information**

General information	Not available.	
Information on likely routes of exposure		
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.	
Skin contact	Contact with skin may result in mild irritation.	
Eye contact	Contact with eyes may result in mild irritation.	
Ingestion	Ingestion is not a likely route of exposure.	
Symptoms	Not available.	
11.1. Information on toxicological effects		
Acute toxicity	Based on available data, the classification criteria are not met.	
Skin corrosion/irritation	Based on available data, the classification criteria are not met.	
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.	
Respiratory sensitization	Based on available data, the classification criteria are not met.	
Skin sensitization	Based on available data, the classification criteria are not met.	
Germ cell mutagenicity	Negative, does not indicate mutagenic potential (Ames Test: Salmonella typhimurium) Based on available data, the classification criteria are not met.	
Carcinogenicity	Based on available data, the classification criteria are not met.	

Material name: CF311A-AC

IARC Monographs. Overall	Evaluation of Carcinogenicity	
Amorphous silica (CAS 7	631-86-9)	3 Not classifiable as to carcinogenicity to humans.
Reproductive toxicity	Based on available data, the	classification criteria are not met.
Specific target organ toxicity - single exposure	Based on available data, the	classification criteria are not met.
Specific target organ toxicity - repeated exposure	Based on available data, the	classification criteria are not met.
Aspiration hazard	Based on available data, the	classification criteria are not met.
Mixture versus substance information	Not available.	
Other information	1 ,	t available for this specific formulation al health effects and Section 4 for first aid measures.

# **SECTION 12: Ecological information**

12.1. Toxicity	LC50: > 100 r	ng/l, Fish, 96.00 Hours	
Product		Species	Test Results
CF311A-AC			
Aquatic			
Fish	LC50	Fish	> 100 mg/l, 96 Hours
12.2. Persistence and degradability	Not available.		
12.3. Bioaccumulative potential	Not available.		
Partition coefficient n-octanol/water (log Kow)	Not available.		
Bioconcentration factor (BCF)	Not available.		
12.4. Mobility in soil	Not available.		
12.5. Results of PBT and vPvB assessment	Not a PBT or	vPvB substance or mixture.	
12.6. Other adverse effects	Not available.		

#### **SECTION 13: Disposal considerations**

13.1. Waste treatment methods	
Residual waste	Not available.
Contaminated packaging	Not available.
EU waste code	Not available.
Disposal methods/information	Do not shred toner cartridge, unless dust-explosion prevention measures are taken. Finely dispersed particles may form explosive mixtures in air. Dispose of in compliance with federal, state, and local regulations.
	HP's Planet Partners (trademark) supplies recycling program enables simple, convenient recycling of HP original inkjet and LaserJet supplies. For more information and to determine if this service is available in your location, please visit http://www.hp.com/recycle.

## **SECTION 14: Transport information**

Further information

Not listed.

Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

## **SECTION 15: Regulatory information**

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

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Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I
Not listed.
Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II
Not listed.
Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended
Not listed.
Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended
Not listed.
Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended Not listed.     Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.     Regulation (EC) No. 169/2006, REACH Article 59(1) Candidate List as currently published by ECHA Not listed.     Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA Not listed.     Authorizations     Regulation (EC) No. 1907/2006, REACH Annex XVI Substances subject to Authorization Not listed.     Regulation (EC) No. 1907/2006, REACH Annex XVI Substances subject to restriction on marketing and use as amended Not listed.     Other EU regulated.     Other FU regulated.     Other information   This Safety Data Sheet complies with the requirements of Regulation (EU) 2019/830. Classification according to Regulation (EU) Not 2072/200 as amended. Not value remends bustances on their Product have been notified or are exempt from notification under chemical substances on thiotic rest. Howing downge counters, US (TSCA), EU (Regulation (EU) Not. 1907/2006 of December 18, 2006 concerning the Registration. Evaluation. New Zealand, and Chaa.     SECTION 16: Other information   Regulation (C) Not. 190		
Not itsid   Not itsid     Regulation (EC) No. 156/2006 Annex II Politiant Release and Transfer Registry Not listed.   Not itsid.     Authorizations   Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization Not listed.     Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization Not listed.   Not listed.     Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization Not listed.   Not listed.     Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work   Not regulated.     Other regulation   This Safety Data Sheet complies with the requirements of Regulation (EU) 2015/830. Classification according to Regulation (EC) No. 1272/2008 as mended.     Other information   This Safety Data Sheet complies with the requirements of Regulation (EU) 2015/830. Classification according to Regulation (EC) No. 1272/2008 as mended.     Other information   Chis Safety Data Sheet Complies with the requirements of Regulation (EU) 2015/830. Classification and China.     Stational regulations   Not available.     Stational regulations   Not available.     Stational regulations   Not available.     Stational regulation (EC) No. 1907/2006 of December 16, 2006 concerning the Registration. Evaluation, Authorization and Restriction of Chemicals (REACH) and estatilishing a European Chemicals Agency (REACH).     Regulati	- · ·	2 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended
Regulation (EC) No. 169/2006 Annex II Pollutant Release and Transfer Registry   Not listed.     Regulation (EC) No. 1907/2006, REACH Article S9(1) Candidate List as currently published by ECHA Not listed.   Not listed.     Authorizations   Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization   Not listed.     Restrictions on use   Restrictions on use   Restrictions on use     Restrictions on use   Not isted.   Not regulated.     Directive 2004/37(EC) on the protection of workers from the risks related to exposure to carcinogens and mutagens at work   Not regulated.     Other EU regulations   Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended     Not listed.   Classification according to Regulation (EC) No 127/2008 as amended.     Other Information   This Safety Data Sheet complies with the requirements of Regulation (EU) 2015/830. Classification according to Regulation (EU) No 127/2008 as amended.     National regulations   Not available.     National regulations   Not available.     115.2 Chemical safety assessment   See attached SUMI or GEIS document, if applicable.     SECTION 16: Other information   The classification and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency (REACH).     Regulation (EC) No. 1272/2008 of December 16. 2008 concerning the Regis		2 concerning the export and import of dangerous chemicals, Annex V as amended
Not itsied   Not issied     Regulation (EC) No. 1907/2006, REACH Article 55(1) Candidate List as currently published by ECHA Not issied.   Not issied.     Authorizations   Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization Not issied.   Not issied.     Restrictions on use   Regulation (EC) No. 143/2017.2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended Not issied.   Not regulated.     Other EU regulations   Directive 2004/37/ECI on major accident hazards involving dangerous substances, as amended Not issied.   Not regulated.     Other Information   This Safety Data Sheet complex with the requirements of Regulation (EU) 2015/830. Classification according to Regulation (EC) No. 1907/2006 as mended.     Other regulations   All chemical substances on carceding to Regulation (EC) No. 1972/2008 as amended.     Other regulations   Nat available.     15.2. Chemical safety   See attached SUMI or GEIS document. If applicable. assessment     SECTION 15: Other Information   Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration. Evaluation, Authorization and Restriction of Chemicals (RACH) an destabilishing a European Chemicals Againary (REACH).     Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration. Evaluation, methods and test data, if available.     15.2. Chemical safety   Sec attached SUMI or CEIS document. If applicable. assessment<		6 Annex II Pollutant Release and Transfer Registry
Not listed.   Authorizations     Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization Not listed.   Resulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended Not listed.     Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work   Not regulated.     Other EU regulations   Directive 2004/37/EC on major accident hazards involving dangerous substances, as amended Not listed.     Other information   This Safety Data Sheet complies with the requirements of Regulation (EU) 2015/830. Classification according to Regulation (EC) No. 1907/2006, PLACA, EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.     National regulations   Not available.     15.2. Chemical safuty   See attached SUMI or GEIS document, if applicable. assessment     SECTION 16: Other Information   Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration, Evaluation, Autionization and Restriction of Chemicals (REACH) and estabilishing a European Chemicals Agency (REACH).     References   Regulation (EC) No. 1907/2006 of December 16, 2008 on classification, labeling and packaging of substances and mixtures, and amendments (CLP)     Full text of any H-statements not written out in full under Sections 2 to 15   Section 5 is Firefighting measures: 5.2. Special hazards arising from the substance or mixture SECTION 16: Accidential release measures: 6.3. Methods and material f		
Authorizations Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization Not listed.   Restrictions on usa Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended Not listed.   Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work   Not regulated.   Other EU regulation   Directive 2014/37/EU on major accident hazards involving dangerous substances, as amended Not listed.   Other information This Safety Data Sheet complex with the requirements of Regulation (EU) 2015/830. Classification according to Regulation (EC) No 1272/2008 as amended.   Other regulations All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification lister.   Stational regulations Not available.   S2.1 Chemical safety assessment See attached SUMI or GEIS document, if applicable.   Seesement Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a European Chemicals substances and mixtures, and amendiments (CLP).   Information on evaluation method leading to the classification fricture None.   None. The classification of hasting and thria.   Very Science 32 to 15 SECTION 5: Firefighting measures: 5.2. Special hazards arising from the substance	• • • •	06, REACH Article 59(1) Candidate List as currently published by ECHA
Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization   Not listed.   Restrictions on use   Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended Not listed.   Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work   Not regulated.   Other tell regulations   Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended Not listed.   Other information This Safety Data Sheet complies with the requirements of Regulation (EU) 2015/830. Classification according to Regulation (EO) 10 15/2300.   Other regulations All chemical substances on this HP product have been notified or are exempt from notification under chemical substances notification laws in the following courties: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.   National regulations Not available.   SECTION 16: Other Information Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration, Evaluation, Autorization and Restriction of Chemicals (REACH) and estabilishing a European Chemicals Agency (REACH).   Regulation (EU) 2015/830 of May 28, 2015 amending Regulation (EC) No. 1907/2006.   Regulation free und in full under Sections 2 to 15   Revision Information SECTION 5: Firefighting measures: 5.2. Special hazards arising from the substance		
Not listed.   Restrictions on use   Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended Not listed.   Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.   Not regulated.   Other EUr equilations   Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended Not listed.   Other regulations   All chemical substances in this HP product have been notified or are exempt from notification under chemical substances in this HP product have been notified or are exempt from notification under chemical substances in this HP product have been notified or are exempt from notification under chemical substances in this HP product have been notified or are exempt from notification under chemical substances in this HP product have been notified or are exempt from notification under chemical substances in this HP product have been notified or are exempt from notification under chemical substances in this HP product have been notified or are exempt from notification under chemical substances in this HP product have been notified or are exempt from notification under chemical substances in this HP product have been notified or are exempt from notification under chemical substances in this HP product have been notified or are exempt from notification under chemical substances in this HP product have been notification assessment   SECTION 16: Other information Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration, Evaluation, Aution/aution and Regulation (EC) No. 1272/2008 of December 18, 2008 on classification in classif		1 Annax XIV Substances Subject to Authorization
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Not listed.     Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.     Not regulated.     Other EU regulations     Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended     Not listed.     Other information     Classification according to Regulation (EC) No 1272/2008 as amended.     Other regulations     All chemical substances notification laws in the following countries: US (TSCA), EU (EINCS). Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.     National regulations   Not available.     15.2. Chemical safety   See attached SUMI or GEIS document, if applicable.     assessment   See attached SUMI or GEIS document, if applicable.     BECTION 16: Other information   Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency (REACH).     Regulation (EU) 2015/830 of May 28, 2015 amending Regulation (EC) No. 1907/2006.     Regulation tor the satisfication for health and environmental hazards is derived by a combination of calculation method said test data, if available.     Isocometric and mixtures   None.     Pull fext of any H-statements   None.     Nore </td <td></td> <td>06 BEACH Annox XVIII Substances subject to restriction on marketing and use as smanded</td>		06 BEACH Annox XVIII Substances subject to restriction on marketing and use as smanded
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#### Explanation of abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CFR	Code of Federal Regulations
COC	Cleveland Open Cup
DOT	Department of Transportation
EPCRA	Emergency Planning and Community Right-to-Know Act (aka SARA)
IARC	International Agency for Research on Cancer
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
REC	Recommended
REL	Recommended Exposure Limit
SARA	Superfund Amendments and Reauthorization Act of 1986
STEL	Short-Term Exposure Limit
TCLP	Toxicity Characteristics Leaching Procedure
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
VOC	Volatile Organic Compounds