



# POLYONE CORPORATION

## MATERIAL SAFETY DATA SHEET

### STAN-TONE D-3001 CHROME YELLOW

Version Number 1.0  
Revision Date 06/15/2004

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#### 1. PRODUCT AND COMPANY IDENTIFICATION

##### POLYONE CORPORATION

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

Product name : STAN-TONE D-3001 CHROME YELLOW  
Product code : FO00003329  
Chemical Name : Mixture  
CAS-No. : Mixture  
Product Use :

#### 2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS

Components	CAS-No.	Weight %
Chrome yellow (Lead chromate pigment)	1344-37-2	60 - 100

#### 3. HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

##### POTENTIAL HEALTH EFFECTS

**Routes of Exposure:** :

**Acute exposure**

Inhalation :  
Ingestion :  
Eyes :  
Skin :

**Chronic exposure** : Refer to Section 11 for Toxicological Information.

**Medical Conditions** :  
**Aggravated by Exposure:**

#### 4. FIRST AID MEASURES

Inhalation :  
Ingestion :

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Eyes :

Skin :

**5. FIRE-FIGHTING MEASURES**

Flash point :

Flammable Limits  
Upper explosion limit :  
Lower explosion limit :

Autoignition temperature :  
Suitable extinguishing media :

Special Fire Fighting Procedures :  
Unusual Fire/Explosion Hazards :

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions :

Environmental precautions :

Methods for cleaning up :

**7. HANDLING AND STORAGE**

Handling :

Storage :

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Respiratory protection :

Eye/Face Protection :

Hand protection :

Skin and body protection :

Additional Protective Measures :

General Hygiene Considerations :

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Engineering measures :

Exposure limit(s)

Components	Value	Exposure time	Exposure type	List:
Chrome yellow (Lead chromate pigment)	1 mg/m3	PEL:		OSHA Z1
	0.05 mg/m3	Time Weighted Average (TWA):		OSHA
	0.03 mg/m3	OSHA Action level:		OSHA
	0.01 mg/m3	Time Weighted Average (TWA):	as Cr	ACGIH
	0.05 mg/m3	Time Weighted Average (TWA):	as Pb	ACGIH

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	:	Evaporation rate	:
Appearance	:	Specific Gravity:	:
Color	: YELLOW	Bulk density	:
Odor	:	Vapor pressure	:
Melting point/range	:	Vapour density	:
Boiling Point:	:	pH	:
Water solubility	:		

**10. STABILITY AND REACTIVITY**

Stability :

Hazardous Polymerization :

Conditions to avoid :

Incompatible Materials :

Hazardous decomposition products :

**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
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1344-37-2	Chrome yellow (Lead chromate pigment)	Systemic effects	central nervous system (CNS), reproductive system.
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**Carcinogenicity**

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

CAS-No.	Chemical Name	OSHA	IARC	NTP
1344-37-2	Chrome yellow (Lead chromate pigment)	no	1	no

**IARC Carcinogen Classifications:**

- 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:**

**Chrome yellow (Lead chromate pigment) 1344-37-2 Systemic effects include neurotoxic, teratogenic, fetotoxic and reproductive with abdominal pain, anemia, pallor, decreased hand grip strength with characteristic "wrist drop".**

**12. ECOLOGICAL INFORMATION**

- Persistence and degradability :
- Environmental Toxicity :
- Bioaccumulation Potential :
- Additional advice :

**13. DISPOSAL CONSIDERATIONS**

- Product :
- Contaminated packaging :

**14. TRANSPORT INFORMATION**

- U.S. DOT Classification :
- ICAO/IATA (air) :
- IMO / IMDG (maritime) :

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**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 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

Not applicable

SARA Title III Section 313 Toxic Chemicals:

Chemical Name	CAS-No.	Weight %
CHROMIUM VI COMPOUNDS LEAD COMPOUNDS, INORGANIC LEAD COMPOUNDS	1344-37-2	100.00

Canadian Regulations:

National Pollutant Release Inventory (NPRI)

Chemical Name	CAS-No.	Weight %	NPRI ID#
Chrome yellow (Lead chromate pigment)	1344-37-2	100.00	245
Chrome yellow (Lead chromate pigment)	1344-37-2	100.00	246

WHMIS Classification : D2A

WHMIS Ingredient Disclosure List

CAS-No.
1344-37-2

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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 : Listed

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 when used in combination with any other materials and/or in any particular process or processing conditions.