



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®

5250-A Naiman Parkway, Solon, OH 44139 • 888-567-2206 • www.chromate.com

**FOR CHEMICAL
EMERGENCY**

Call ChemTrec day/night:
1-800-424-9300

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SCHOOL BUS YELLOW

DATE PREPARED: JULY 8, 2013

PART NUMBER: 74146

REPLACES: JULY 28, 2008

PRODUCT TYPE: PAINT

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SECTION 2 — HAZARDS IDENTIFICATION

Hazard Information for people and the environment:

Extremely flammable liquid and vapor in a pressurized container. Keep away from heat, sparks, and flame. Has narcotizing effect.

Risk phrases:

Extremely flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

Safety phrases:

Keep out of the reach of children. Keep away from sources of ignition - No smoking. Do not breathe gas/fumes/vapour/spray. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. If swallowed, seek medical advice immediately and show this container or label. Use only in well-ventilated areas.

Effects of chronic overexposure:

May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.

NFPA ratings (0 - 4):

Health = 1
Fire = 4
Reactivity = 3

HMIS-ratings (0 - 4):

Health = 1
Flammability = 4
Physical Hazard = 3

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

67-64-1	Acetone	19.55%
74-98-6	propane	15.76%
7727-43-7	barium sulphate, natural	9.34%
106-97-8	n-butane	9.26%
2807-30-9	Glycol Ether EP	5.28%
108-10-1	methyl isobutyl ketone	5.09%
108-65-6	PM acetate	3.27%
107-87-9	Methyl Propyl Ketone	3.17%
1330-20-7	xylene (mix)	2.44%
110-19-0	isobutyl acetate	1.93%
13463-67-7	titanium dioxide	1.18%

SECTION 4 — FIRST AID MEASURES

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.

After eye contact: Move to fresh air. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Contact physician or poison control center.

N/A — NOT APPLICABLE N/D — NOT DETERMINED N/E — NONE ESTABLISHED N/R — NOT REGULATED N/L — NOT LISTED

SECTION 5 — FIREFIGHTING MEASURES

Extinguishing agents: CO2, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special hazards: No further relevant information available.
Protective equipment: No special measures required.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
Environmental precautions: Do not allow product to reach sewage systems or ground water.
Methods and material for containment and cleaning up: Ensure adequate ventilation.

SECTION 7 — HANDLING AND STORAGE

Fire/explosion protection: Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.
Conditions for safe storage:
Storage requirements: Observe pressurized container storage regulations. Consult with your local authorities.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace:

67-64-1 Acetone

PEL 2400 mg/m³, 1000 ppm
REL 590 mg/m³, 250 ppm
TLV Short-term value: (1782) NIC-1187 mg/m³, (750) NIC-500 ppm
 Long-term value: (1188) NIC-475 mg/m³, (500) NIC-200 ppm
 BEI

74-98-6 propane

PEL 1800 mg/m³, 1000 ppm
REL 1800 mg/m³, 1000 ppm
TLV Varies mg/m³, 1000 ppm

7727-43-7 barium sulphate, natural

PEL 15* 5** mg/m³
 *total dust **respirable fraction
REL 10* 5** mg/m³
 *total dust **respirable fraction
TLV 10 mg/m³

106-97-8 n-butane

REL 1900 mg/m³, 800 ppm
TLV Short-term value: NIC-2370 mg/m³, NIC-1000 ppm
 Long-term value: (Varies) mg/m³, (1000) ppm

108-10-1 methyl isobutyl ketone

PEL 410 mg/m³, 100 ppm
REL Short-term value: 300 mg/m³, 75 ppm
 Long-term value: 205 mg/m³, 50 ppm
TLV Short-term value: 307 mg/m³, 75 ppm
 Long-term value: 82 mg/m³, 20 ppm
 BEI

108-65-6 PM acetate

WEEL 50 ppm

107-87-9 Methyl Propyl Ketone

PEL 700 mg/m³, 200 ppm
REL 530 mg/m³, 150 ppm
TLV Short-term value: 529 mg/m³, 150 ppm

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION (CONT.)**1330-20-7 xylene (mix)**

PEL	435 mg/m ³ , 100 ppm
REL	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI

110-19-0 isobutyl acetate

PEL	700 mg/m ³ , 150 ppm
REL	700 mg/m ³ , 150 ppm
TLV	713 mg/m ³ , 150 ppm

Ingredients with biological limit values:**67-64-1 Acetone**

BEI	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
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108-10-1 methyl isobutyl ketone

BEI	1 mg/L Medium: urine Time: end of shift Parameter: MIBK
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1330-20-7 xylene (mix)

BEI	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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Hygienic protection:	Keep away from foodstuffs and animal feed. Wash hands after use.
Breathing equipment:	A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.
Hand protection:	Protective gloves. The glove material has to be impermeable and resistant to the substance. No glove recommendation can be given.
Eye protection:	Tightly sealed goggles.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Odor:	Aromatic
pH-value:	Not determined.
Boiling point:	-44 °C (-47 °F)
Flash point:	-19 °C (-2 °F)
Flammability (solid, gaseous):	Not applicable.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120 degrees fahrenheit. In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit:	1.7 Vol %
Upper Explosion Limit:	10.9 Vol %
Vapor Pressure:	40 PSI, 2750 hPa
Specific Gravity:	Between 0.77 and 0.85 (Water equals 1.00)
VOC content:	498.1 g/l / 4.16 lb/gl
VOC content (less exempt solvents):	47.3 %
MIR Value:	1.10
Solids content:	32.7 %
Other information	No further relevant information available.

SECTION 10 — STABILITY AND REACTIVITY

Conditions to avoid: Do not allow the can to exceed 120 degrees Fahrenheit. Stable at normal temperatures.
Possibility of hazardous reactions: No dangerous reactions known.
Hazardous decomposition: No dangerous decomposition products known.

SECTION 11 — TOXICOLOGICAL INFORMATION

Skin effects: No irritant effect.
Eye effects: Irritating effect.
Sensitization: No sensitizing effects known.

Additional toxicological information:

Carcinogenic categories

IARC (International Agency for Research on Cancer)

108-10-1	methyl isobutyl ketone	2B
1330-20-7	xylene (mix)	3
13463-67-7	titanium dioxide	2B

NTP (National Toxicology Program)

None of the ingredients is listed.

SECTION 12 — ECOLOGICAL INFORMATION

Aquatic toxicity: Hazardous for water, do not empty into drains.
Other information: This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), or chlorinated solvents.

SECTION 13 — DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.
Recommendation: Completely empty cans should be recycled.

SECTION 14 — TRANSPORT INFORMATION

UN-Number UN1950
DOT Consumer Commodity ORM-D
 AEROSOLS, flammable
Class 2.1
Marine pollutant: No
EMS Number: F-D,S-U
Packaging Group: --

SECTION 15 — REGULATORY INFORMATION

SARA Section 355 (extremely hazardous substances):

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

108-10-1	methyl isobutyl ketone
1330-20-7	xylene (mix)

TSCA: All ingredients are listed.

CPSC: This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

108-10-1	methyl isobutyl ketone
100-41-4	ethyl benzene

SECTION 15 — REGULATORY INFORMATION (CONT.)**WHMIS Symbols for****Canada:**

A - Compressed gas

D2B - Toxic material causing other toxic effects

**EPA:**

67-64-1 Acetone I	I
108-10-1 methyl isobutyl ketone	I
1330-20-7 xylene (mix)	I
110-19-0 isobutyl acetate	D

ACGIH:

67-64-1 Acetone A4	A4
1330-20-7 xylene (mix)	A4
110-19-0 isobutyl acetate	A4
13463-67-7 titanium dioxide	A4

NIOSH:

13463-67-7 titanium dioxide
1333-86-4 Carbon black

SECTION 16 — OTHER INFORMATION

This product was manufactured in the U.S.A.

The information on this sheet is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Contact:

Regulatory Affairs

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 VOC: Volatile Organic Compounds (USA, EU)
 ISO: International Organization for Standardization
 DOT: US Department of Transportation
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)
 EPA: Environmental Protection Agency
 IARC: International Agency for the Research of Cancer
 NIOSH: National Institute for Occupational Safety and Health
 TSCA: Toxic Substances Control Act
 CPSC: Consumer Product Safety Commission