

Printing date 02/27/2024

Reviewed on 02/23/2024

Page 1/14

Droduct identifier	
Product identifier	
Trade name: <u>1415 SCHOOL BUS Y</u>	ELLOW SINGLE STAGE
• Article number: 1415	
 Details of the supplier of the safety Manufacturer/Supplier: HIGH TECK PRODUCTS PO BOX 24631 WEST PALM BEACH, FLORIDA 334 USA 877-900-8325 info@highteckproducts.com 	
Information department: Product sa	fety department
Emergency telephone number: 800	
Hazard(s) identification	
· Classification of the substance or I	mixture
GHS02 Flame	
Flammable Liquids 2	H225 Highly flammable liquid and vapor.
GHS08 Health hazard	
GHS08 Health hazard Carcinogenicity 2	H351 Suspected of causing cancer. Route exposure: Inhalation.
Carcinogenicity 2	
Carcinogenicity 2	exposure: Inhalation.
Carcinogenicity 2 GHS07 Eye Irritation 2A	exposure: Inhalation. H319 Causes serious eye irritation.
Carcinogenicity 2 GHS07 Eye Irritation 2A Sensitization - Skin 1	exposure: Inhalation. H319 Causes serious eye irritation. H317 May cause an allergic skin reaction.
Carcinogenicity 2 GHS07 Eye Irritation 2A Sensitization - Skin 1	H319 Causes serious eye irritation.

Printing date 02/27/2024

Reviewed on 02/23/2024

Trade name: 1415 SCHOOL BUS YELLOW SINGLE STAGE



Printing date 02/27/2024

Reviewed on 02/23/2024

Trade name: 1415 SCHOOL BUS YELLOW SINGLE STAGE

(Contd. of page 2)

· HMIS-ratings (scale 0 - 4)



³ Fire = 3

· Other hazards

· Results of PBT and vPvB assessment

- · PBT: Not applicable.
- · vPvB: Not applicable.

3 Composition/information on ingredients

· Chemical characterization: Mixtures

· Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:		
	n-butyl acetate	10-25%
110-43-0	heptan-2-one	2.5-10%
98-56-6	4-chloro-alpha,alpha,alpha-trifluorotoluene	2.5-10%
67-64-1	acetone	2.5-10%
	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	0-10%
13463-67-7	titanium dioxide	≤2.5%
100-41-4	ethylbenzene	≤2.5%
41556-26-7	bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	≤2.5%

4 First-aid measures

· Description of first aid measures

- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation:
- Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eve contact:

Rinse opened eve for several minutes under running water. If symptoms persist, consult a doctor.

- · After swallowing: If symptoms persist consult doctor.
- · Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

- · Extinguishing media
- Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. · Special hazards arising from the substance or mixture No further relevant information available.

(Contd. on page 4)

(Contd. of page 3)

Safety Data Sheet acc. to OSHA HCS

Printing date 02/27/2024

Reviewed on 02/23/2024

Trade name: 1415 SCHOOL BUS YELLOW SINGLE STAGE

- · Advice for firefighters
- · Protective equipment: No special measures required.

6 Accidental release measures

- · Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: Prevent seepage into sewage system, workpits and cellars. Dilute with plenty of water.
- Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.
- · Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.
- Protective Action Criteria for Chemicals
- PAC-1:

123-86-4	n-butyl acetate	5 ppm
110-43-0	heptan-2-one	150 ppm
67-64-1	acetone	200 ppm
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	9.3 mg/m ³
13463-67-7	titanium dioxide	30 mg/m³
1330-20-7	xylene	130 ppm
100-41-4	ethylbenzene	33 ppm
108-38-3	<i>m-xylene</i>	130 ppm
71-36-3	butan-1-ol	60 ppm
122-99-6	2-phenoxyethanol	1.5 ppm
77-58-7	dibutyltin dilaurate	1.1 mg/m³
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
1333-86-4	Carbon black	9 mg/m³
34590-94-8	Dipropylene glycol monomethyl ether	150 ppm
14808-60-7	Quartz (SiO2)	0.075 mg/m
108-83-8	2,6-dimethylheptan-4-one	75 ppm
57-55-6	Propylene glycol	30 mg/m ³
78-83-1	butanol	150 ppm
70657-70-4	2-methoxypropyl acetate	50 ppm
PAC-2:	·	
123-86-4	n-butyl acetate	200 ppm
110-43-0	heptan-2-one	670 ppm
67-64-1	acetone	3200* ppm
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	100 mg/m³
13463-67-7	titanium dioxide	330 mg/m ³
1330-20-7	xvlene	920* ppm

Printing date 02/27/2024

Reviewed on 02/23/2024

Trade name: 1415 SCHOOL BUS YELLOW SINGLE STAGE

100_11.1	ethylbenzene	(Contd. of page 1100* ppm
	-	
	m-xylene butan-1-ol	920 ppm
		800 ppm
	2-phenoxyethanol	16 ppm
	dibutyltin dilaurate	8 mg/m ³
	2-methoxy-1-methylethyl acetate	1,000 ppm
	Carbon black	99 mg/m³
	Dipropylene glycol monomethyl ether	1700* ppm
	Quartz (SiO2)	33 mg/m³
	2,6-dimethylheptan-4-one	330 ppm
	Propylene glycol	1,300 mg/m
78-83-1	butanol	1,300 ppm
70657-70-4	2-methoxypropyl acetate	1,000 ppm
PAC-3:		
123-86-4	n-butyl acetate	3000* ppm
110-43-0	heptan-2-one	4000* ppm
67-64-1	acetone	5700* ppm
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	230 mg/m ³
13463-67-7	titanium dioxide	2,000 mg/m
1330-20-7	xylene	2500* ppm
100-41-4	ethylbenzene	1800* ppm
108-38-3	<i>m-xylene</i>	2500* ppm
71-36-3	butan-1-ol	8000** ppm
122-99-6	2-phenoxyethanol	97 ppm
77-58-7	dibutyltin dilaurate	48 mg/m ³
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
	Carbon black	590 mg/m ³
34590-94-8	Dipropylene glycol monomethyl ether	9900** ppm
	Quartz (SiO2)	200 mg/m ³
	2,6-dimethylheptan-4-one	2000* ppm
	Propylene glycol	7,900 mg/m
	butanol	8000* ppm
	2-methoxypropyl acetate	5,000 ppm

7 Handling and storage

· Handling:

• **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Prevent formation of aerosols.

• *Information about protection against explosions and fires:* Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Keep respiratory protective device available.

(Contd. on page 6)

USA

Printing date 02/27/2024

Reviewed on 02/23/2024

Trade name: 1415 SCHOOL BUS YELLOW SINGLE STAGE

(Contd. of page 5)

- · Conditions for safe storage, including any incompatibilities
- · Storage:

• Requirements to be met by storerooms and receptacles: Store in a cool location.

· Information about storage in one common storage facility: Not required.

- Further information about storage conditions:
- Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

• Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see section 7.

- · Control parameters
- Components with limit values that require monitoring at the workplace:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

123-86-4 n-butyl acetate

PEL Long-term value: 710 mg/m³, 150 ppm

- REL Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm
- TLV Short-term value: 150 ppm Long-term value: 50 ppm

110-43-0 heptan-2-one

- PEL Long-term value: 465 mg/m³, 100 ppm
- REL Long-term value: 465 mg/m³, 100 ppm
- TLV Long-term value: 50 ppm

67-64-1 acetone

- PEL Long-term value: 2400 mg/m³, 1000 ppm
- REL Long-term value: 590 mg/m³, 250 ppm
- TLV Short-term value: 500 ppm Long-term value: 250 ppm A4, BEI

100-41-4 ethylbenzene

- PEL Long-term value: 435 mg/m³, 100 ppm
- REL Short-term value: 545 mg/m³, 125 ppm Long-term value: 435 mg/m³, 100 ppm
- TLV Long-term value: 20 ppm
- OTŎ, BEI, A3

Ingredients with biological limit values:

- 67-64-1 acetone
- BEI 25 mg/L
 - Medium: urine Time: end of shift
 - Parameter: Acetone (nonspecific)

(Contd. on page 7)

USA

(Contd. of page 6)

Safety Data Sheet acc. to OSHA HCS

Printing date 02/27/2024

Reviewed on 02/23/2024

Trade name: 1415 SCHOOL BUS YELLOW SINGLE STAGE

100-41-4 ethylbenzene

BEI 0.15 g/g creatinine Medium: urine Time: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)

· Additional information: The lists that were valid during the creation were used as basis.

• Exposure controls

- · Personal protective equipment:
- General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately. Avoid contact with the eyes. Avoid contact with the eyes and skin.

· Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

• Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Tightly sealed goggles

9 Physical and chemical properties • Information on basic physical and chemical properties • General Information • Appearance: Form: Liquid Color: Yellow • Odor: Product specific

Printing date 02/27/2024

Reviewed on 02/23/2024

Trade name: 1415 SCHOOL BUS YELLOW SINGLE STAGE

<u> </u>	(Contd. of page
Odor threshold:	Not determined.
pH-value:	Not determined (pH N/A in solvent coatings)
Change in condition Melting point/Melting range: Boiling point/Boiling range:	Undetermined. 124-128 °C (255.2-262.4 °F)
Flash point:	<-18 °C (<-0.4 °F)
Flammability (solid, gaseous):	Highly flammable.
Auto igniting:	370 °C (698 °F)
Decomposition temperature:	Not determined.
Ignition temperature:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive ail vapor mixtures are possible.
Explosion limits: Lower: Upper:	1.2 Vol % 7.5 Vol %
Vapor pressure at 20 °C (68 °F): Vapor pressure at 50 °C (122 °F):	10.7 hPa (8 mm Hg) 55 hPa (41.3 mm Hg)
Density at 20 °C (68 °F): Relative density Vapor density Evaporation rate	1.0722 g/cm³ (8.9475 lbs/gal) Not determined. Not determined. Not determined.
Solubility in / Miscibility with Water:	Fully miscible.
Partition coefficient (n-octanol/wate	r): Not determined.
Viscosity: Dynamic: Kinematic:	Not determined. Not determined.
Solvent content: Organic solvents: VOC content:	33.3 % 28.43 % 344.3 g/l / 2.87 lb/gal
Solids content:	58.3 %
Other information	No further relevant information available.

10 Stability and reactivity

· Reactivity No further relevant information available.

- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.

(Contd. on page 9)

⁻ USA -

Printing date 02/27/2024

Reviewed on 02/23/2024

Trade name: 1415 SCHOOL BUS YELLOW SINGLE STAGE

· Hazardous decomposition products: No dangerous decomposition products known.

(Contd. of page 8)

11 Toxicological information · Information on toxicological effects · Acute toxicity: · LD/LC50 values that are relevant for classification: 123-86-4 n-butyl acetate Oral LD50 13,100 mg/kg (rat) Dermal LD50 >5,000 mg/kg (rabbit) Inhalative LC50/4 h >21 mg/l (rat) · Primary irritant effect: · on the skin: No irritant effect. · on the eye: Irritating effect. · Sensitization: Sensitization possible through skin contact. · Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations: Irritant · Carcinogenic categories · IARC (International Agency for Research on Cancer) 98-56-6 4-chloro-alpha,alpha,alpha-trifluorotoluene 2B 13463-67-7 titanium dioxide 2B 1330-20-7 xylene 3 100-41-4 ethylbenzene 2B 95-47-6 o-xylene 3 3 106-42-3 p-xylene 108-38-3 m-xylene 3 1333-86-4 Carbon black 2B 14808-60-7 Quartz (SiO2) 1 • NTP (National Toxicology Program) 14808-60-7 Quartz (SiO2) Κ OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

· Toxicity

· Aquatic toxicity: No further relevant information available.

- Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.

Additional ecological information:

- · General notes: Not hazardous for water.
- · Results of PBT and vPvB assessment
- **PBT:** Not applicable.

(Contd. on page 10)

USA

(Contd. of page 9)

Safety Data Sheet acc. to OSHA HCS

Printing date 02/27/2024

Reviewed on 02/23/2024

Trade name: 1415 SCHOOL BUS YELLOW SINGLE STAGE

- · **vPvB:** Not applicable.
- Other adverse effects No further relevant information available.

13 Disposal considerations

· Waste treatment methods

· Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.
- · Recommended cleansing agent: Water, if necessary with cleansing agents.

UN-Number DOT, IMDG, IATA	UN1263
UN proper shipping name DOT IMDG, IATA	Paint PAINT
Transport hazard class(es)	
DOT	
RAMINGE LOUD	
Class	3 Flammable liquids
Label IMDG, IATA	3
Class	3 Flammable liquids
Label	3
Packing group DOT, IMDG, IATA	11
Environmental hazards:	Not applicable.
Special precautions for user Hazard identification number (Kemler code): EMS Number: Stowage Category	Warning: Flammable liquids 33 F-E, <u>S-E</u> B
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

Printing date 02/27/2024

Reviewed on 02/23/2024

Trade name: 1415 SCHOOL BUS YELLOW SINGLE STAGE

page 1
าไ
ml
r

15 Regulatory information

• Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

· Sara

None of the	e ingredients is listed.	
Section 31	3 (Specific toxic chemical listings):	
1330-20-7	xylene	
100-41-4	ethylbenzene	
95-47-6	o-xylene	
106-42-3	p-xylene	
108-38-3	m-xylene	
71-36-3	butan-1-ol	
122-99-6	2-phenoxyethanol	
TSCA (Tox	ic Substances Control Act):	
123-86-4	n-butyl acetate	ACTIV
110-43-0	heptan-2-one	ACTIV
98-56-6	4-chloro-alpha,alpha,alpha-trifluorotoluene	ACTIV
67-64-1	acetone	ACTIV
61790-51-0	Resin acids and Rosin acids, sodium salts	ACTIV
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	ACTIV
13463-67-7	titanium dioxide	ACTIV
1330-20-7	xylene	ACTIV
100-41-4	ethylbenzene	ACTIV
95-47-6	o-xylene	ACTIV
106-42-3	p-xylene	ACTIV
108-38-3	m-xylene	ACTIV
64742-47-8	Distillates (petroleum), hydrotreated light	ACTIV
41556-26-7	bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	ACTIV
71-36-3	butan-1-ol	ACTIV
122-99-6	2-phenoxyethanol	ACTIV

Printing date 02/27/2024

Reviewed on 02/23/2024

Trade name: 1415 SCHOOL BUS YELLOW SINGLE STAGE

82919-37-3	7 methyl 1,2,2,6,6-pentamethyl-4-piperidylsebacate	(Contd. of page ACT/
	7 dibutyltin dilaurate	ACTI
	6 2-methoxy-1-methylethyl acetate	ACTI
	4 Carbon black	ACTI
	5 Solvent naphtha (petroleum), light arom.	ACTI
	B Dipropylene glycol monomethyl ether	ACTI
	7 Quartz (SiO2)	ACTI
	3 2,6-dimethylheptan-4-one	ACTI
	6 Propylene glycol	ACTI
	1 butanol	ACTI
Hazardou	s Air Pollutants	
1330-20-7		
	ethylbenzene	
	o-xylene	
106-42-3	-	
	m-xylene	
Propositio	-	
•	s known to cause cancer:	
	4-chloro-alpha,alpha,alpha-trifluorotoluene	
	7 títanium dioxide	
	4 ethylbenzene	
	4 Carbon black	
	7 Quartz (SiO2)	
	s known to cause reproductive toxicity for females:	
	e ingredients is listed.	
	s known to cause reproductive toxicity for males:	
	e ingredients is listed.	
	s known to cause developmental toxicity:	
	e ingredients is listed.	
•	nic categories	
•	ronmental Protection Agency)	
	acetone	
1330-20-7	-	
	ethylbenzene	
	o-xylene	
106-42-3		
	<i>m-xylene</i>	
71-36-3	butan-1-ol	
	shold Limit Value)	
•		
•	1 acetone	
67-64-	1 acetone 7 titanium dioxide	
67-64-	7 titanium dioxide	

- USA

Printing date 02/27/2024

Reviewed on 02/23/2024

Trade name: 1415 SCHOOL BUS YELLOW SINGLE STAGE

		(Contd. of page 12)
95-47-6	o-xylene	A4
106-42-3	p-xylene	A4
108-38-3	<i>m</i> -xylene	A4
77-58-7	dibutyltin dilaurate	A4
1333-86-4	Carbon black	A4
14808-60-7	Quartz (SiO2)	A2
· NIOSH-Ca (National Institute for Occupational Safety and Health)	
13463-67-7	titanium dioxide	
1333-86-4	Carbon black	
14808-60-7	Quartz (SiO2)	
CUC label		

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS). • **Hazard pictograms**



· Signal word Danger

· Hazard-determining components of labeling: 4-chloro-alpha.alpha.alpha-trifluorotoluene n-butyl acetate acetone titanium dioxide bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate · Hazard statements Highly flammable liquid and vapor. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of causing cancer. Route of exposure: Inhalation. May cause drowsiness or dizziness. · Precautionary statements Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell.

(Contd. on page 14)

Printing date 02/27/2024

Reviewed on 02/23/2024

Trade name: 1415 SCHOOL BUS YELLOW SINGLE STAGE

(Contd. of page 13)

Specific treatment (see on this label). If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

• Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information 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.

- · Department issuing SDS: Environment protection department.
- · Contact: Product Safety Dept.
- · Date of preparation / last revision 02/27/2024
- Abbreviations and acronyms:
 ADR: Accord relatif au transport international des marc

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit BEI: Biological Exposure Limit Flammable Liquids 2: Flammable liquids – Category 2 Eye Irritation 2A: Serious eye damage/eye irritation - Category 2A Sensitization - Skin 1: Skin sensitisation - Category 1 Carcinogenicity 2: Carcinogenicity – Category 2 Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3 * * Data compared to the previous version altered.

USA -