

Safety Data Sheet

Issue date 30-Sep-2015 Version 1

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product name CHAMPION SPRAYON PAVEMENT MARKING & STRIPING PAINT YELLOW

6-6248 **Chemical name**

Other means of identification

Product code FG 419-4836-6 **Synonyms** Spray Paint

Recommended use of the chemical and restrictions on use

Recommended Use Field and pavement marking and striping paints.

Uses advised against Do not use on surfaces that are wet, cover with dust, dirt, grease, wax or loose paint.

Details of the supplier of the safety data sheet

Supplier Address Manufacturer Address Chase Products Co. Chase Products Co. 2727 Gardner Road 2727 Gardner Road Broadview, IL 60155 Broadview, IL 60155 708-273-1121 708-273-1121

Emergency Telephone Number

Company Phone Number 708-865-1000 24 Hour Emergency Phone Number 1-800-255-3924

Emergency telephone ChemTel 1-800-255-3924

2. Hazards Identification

Classification

Serious eye damage/eye irritation	Category 2
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Aspiration toxicity	Category 1
FLAMMABLE AEROSOLS	Category 1
Gases Under Pressure	liquefied gas

Label Elements

EMERGENCY OVERVIEW

DANGER

hazard statements

Causes serious eye irritation May cause genetic defects May cause cancer

May be fatal if swallowed and enters airways EXTREMELY FLAMMABLE AEROSOL

Contains gas under pressure; may explode if heated



Appearance Yellow, viscous liquid.

Physical State Aerosol

Odor Characteristic odor of paint.

Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves, protective clothing, eye protection and face protection.

Wash face, hands and any exposed skin thoroughly after handling

Keep away from heat, sparks, open flames and hot surfaces. — No smoking

Pressurized container: Do not pierce or burn, even after use

Do not spray on an open flame or other ignition source

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

IF SWALLOWED: Immediately call a POISON CENTER or doctor

Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Protect from sunlight. Store in a well-ventilated place

Do not expose to temperatures exceeding 122 °F (50 °C)

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other Information

- Toxic to aquatic life with long lasting effects
- 7.124% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/information on Ingredients

SynonymsSpray Paint.Chemical FamilyMIXTURES.Formula6-6248

Chemical name	CAS No	weight-%	Trade secret
Water	7732-18-5	35-40	*
Acetone	67-64-1	10-15	*
Low Odor Mineral Spirits	64742-47-8	10-15	*
Calcium Carbonate	471-34-1	5-10	*
Propane	74-98-6	5-10	*
N-Butane	106-97-8	1-5	*
Light Aliphatic Naphtha	64742-49-0	1-5	*
Xylenes (o-, m-, p- isomers)	1330-20-7	<1	*
Petroleum naphtha, light aromatic	64742-95-6	<1	*

^{*} The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First aid measures	

FIRST AID MEASURES

Eye Contact Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact

lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control

center or doctor for treatment advice.

Skin contact Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20

minutes. Call a poison control center or doctor for treatment advise.

Inhalation If overcome by vapor, move person to fresh air. If person is not breathing, call 911 or an

ambulance, then provide artifical respiration, preferably mouth-to-mouth, if possible. Call a

poison control center or doctor for further treatment advise.

Ingestion Call a poison control center or doctor for treatment advice. Have person sip a glass of water

if able to swallow. Do not induce vomiting unless told to do so by a poison control center or

doctor. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms Acute: Prolonged inhalation of concentrated vapor or mist may cause headaches, dizziness

and nausea. Prolonged and repeated contact with skin may cause irritation and reddening.

Contact with eyes causes irritation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Contains petroleum distillates, do not induce vomiting because of aspiration neumonia

hazard.

5. Fire-fighting measures

Suitable extinguishing media

Dry chemical, CO2 or water spray.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

This product is under pressure. Water spray may be used to cool cans in the vicinity of fire or excessive heat to prevent the explosion of the cans.

Hazardous combustion products Thermal decomposition may yield gases like nitrogen oxides, carbon monoxide and carbon

dioxide.

Explosion data

Sensitivity to Mechanical Impact Contents under pressure. This product is extremely flammable. Keep away from heat,

sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static

electricity).

Sensitivity to Static Discharge Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric

motors and static electricity).

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

prolonged occupational over exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. To avoid breathing vapor or spray mist open windows and doors or

use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear an appropriate, properly fitted respirator (NIOSH approved), or leave the area. NOTE: Follow respirator

manufacturer's instructions carefully for respirator use.

For emergency responders

Remove all sources of ignition.

Environmental precautions

Environmental precautions See S

See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Provide adequate ventilation to area being treated. Soak up spills with chemically inert,

absorbent material.

Methods for cleaning up Clean contaminated surface thoroughly.

7. Handling and Storage

Precautions for safe handling

Advice on safe handling Handle as an extremely flammable material. Avoid contact with skin, eyes and clothing.

Store cans in a cool, dry place away from heat and open flame.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric

motors and static electricity). AEROSOL STORAGE LEVEL III (NFPA-30B).

Incompatible Materials Avoid heat, open flame and contact with strong acids, strong bases and strong oxidizers.

8. Exposure Controls/Personal Protection

Control parameters

Exposure guidelines See occupational exposure limits listed below.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acetone 67-64-1	STEL: 750 ppm TWA: 500 ppm	TWA: 1000 ppm TWA: 2400 mg/m³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m³ (vacated) STEL: 2400 mg/m³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m³
Calcium Carbonate 471-34-1	-	-	TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m³
N-Butane 106-97-8	STEL: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³	TWA: 800 ppm TWA: 1900 mg/m ³
Xylenes (o-, m-, p- isomers) 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m³	-
Triethylamine 121-44-8	STEL: 3 ppm TWA: 1 ppm	TWA: 25 ppm TWA: 100 mg/m³	IDLH: 200 ppm

	S*	(vacated) TWA: 10 ppm (vacated) TWA: 40 mg/m³ (vacated) STEL: 15 ppm (vacated) STEL: 60 mg/m³	
Ethylbenzene 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m³	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m³ STEL: 125 ppm STEL: 545 mg/m³

Appropriate engineering controls

Engineering controlsUse with adequate general or local exhaust ventilation.

Individual protection measures, such as personal protective equipment

Eye/face Protection Conventional eyeglasses to guard against splashing.

Skin and Body Protection Chemical resistant gloves required.

prolonged occupational over exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. To avoid breathing vapor or spray mist open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear an appropriate, properly

fitted respirator (NIOSH approved), or leave the area. NOTE: Follow respirator

manufacturer's instructions carefully for respirator use.

General hygiene considerations Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State Aerosol

Appearance Yellow, viscous liquid. Odor Characteristic odor of

paint.

Color Yellow Odor threshold No information available

Property
pHValues
Not applicableRemarks • Method
Solvent-based product.

Melting point/freezing pointNot applicableNo information availableBoiling point/boiling rangeAcetone 133 F/56.29 CNo information availableFlash PointNot available. This is an aerosolNo information available

product with a Flame Projection of 18 in. with 3 in. flashback. Temperatures above 120 F may cause cans to burst.

Evaporation Rate Faster than butyl acetate No information available

Flammability (solid, gas)
No information available
No information available
No information available

Upper flammability limitsNot availableLower Flammability LimitNot available

Vapor pressureNo information availableVapor DensityNo information availableRelative Density0.97 concentrateNo information available

Water solubility Insoluble in water No information available
Solubility in other solvents No information available
Partition coefficient No information available
Autoignition Temperature No information available

Autoignition TemperatureNo information availableDecomposition temperatureNo information availableKinematic viscosityNo information available

Dynamic viscosity

No information available

Explosive properties No information available Oxidizing properties No information available

Other Information

Softening point No information available Molecular weight No information available

VOC content (%) 30.09%

Density 8.08 lb/gal concentrate **Bulk Density** No information available

10. Stability and Reactivity

Reactivity

Not applicable No data available

Chemical stability

Stable.

Possibility of hazardous reactions

Temperatures above 130 °F may cause cans to burst with force.

hazardous polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Temperatures above 122 °F (50 °C).

Incompatible Materials

Avoid heat, open flame and contact with strong acids, strong bases and strong oxidizers.

Hazardous decomposition products

Thermal decomposition may yield gases like nitrogen oxides, carbon monoxide and carbon dioxide.

11. Toxicological Information

Information on likely routes of exposure

Product InformationThis product has not been tested as whole. See below for information on ingredients.

Inhalation No data available.

Eye Contact No data available.

Skin contact No data available.

Ingestion No data available.

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Acetone 67-64-1	= 5800 mg/kg (Rat)	-	= 50100 mg/m³(Rat) 8 h
Low Odor Mineral Spirits 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat)4 h
Calcium Carbonate 471-34-1	= 6450 mg/kg (Rat)	-	-
Propane 74-98-6	-	-	= 658 mg/L (Rat) 4 h
N-Butane 106-97-8	-	-	= 658 g/m³ (Rat) 4 h
Light Aliphatic Naphtha 64742-49-0	> 5000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	= 73680 ppm (Rat) 4 h
Xylenes (o-, m-, p- isomers) 1330-20-7	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit) > 1700 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h = 5000 ppm (Rat) 4 h
Petroleum naphtha, light aromatic 64742-95-6	= 8400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 3400 ppm (Rat) 4 h

Information on toxicological effects

Symptoms Inhalation of high vapor concentrations may cause symptoms like headache, dizziness,

tiredness, nausea and vomiting.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritationMay cause skin irritation and reddening after prolonged or repeated contact with skin.

Serious eye damage/eye irritation Irritating to eyes.

irritation May cause skin and eye irritation.

corrosivity Not applicable.

sensitizationNo information available.Germ cell mutagenicitySee Section 2 of this SDS.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Xylenes (o-, m-, p- isomers)		Group 3		
1330-20-7		•		

Reproductive toxicity
STOT - single exposure
STOT - repeated exposure
Aspiration Hazard
See Section 2 of this SDS.
No information available.
No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity 7.124% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document ...

ATEmix (oral) 21118 mg/kg
ATEmix (dermal) 31293 mg/kg
ATEmix (inhalation-gas) 15680 mg/l
ATEmix (inhalation-dust/mist) 15.9 mg/l
ATEmix (inhalation-vapor) 840 mg/l

12. Ecological Information

This product contains chemicals which are listed as a marine pollutants according to DOT.

ecotoxicity

30.494% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
Acetone 67-64-1		6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 8300: 96 h Lepomis macrochirus mg/L LC50	Microorganisms EC50 = 14500 mg/L 15 min	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50
Low Odor Mineral Spirits 64742-47-8		45: 96 h Pimephales promelas mg/L LC50 flow-through 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 2.2: 96 h Lepomis macrochirus mg/L LC50 static		4720: 96 h Den-dronereides heteropoda mg/L LC50
Light Aliphatic Naphtha 64742-49-0				2.6: 96 h Chaetogammarus marinus mg/L LC50
Xylenes (o-, m-, p- isomers) 1330-20-7		13.4: 96 h Pimephales promelas mg/L LC50 flow-through 2.661 - 4.093: 96 h Oncorhynchus mykiss mg/L LC50 static 30.26 -	EC50 = 0.0084 mg/L 24 h	3.82: 48 h water flea mg/L EC50 0.6: 48 h Gammarus lacustris mg/L LC50

	40.75: 96 h Poecilia	
	reticulata mg/L LC50 static	
	23.53 - 29.97: 96 h	
	Pimephales promelas mg/L	
	LC50 static 780: 96 h	
	Cyprinus carpio mg/L LC50	
	780: 96 h Cyprinus carpio	
	mg/L LC50 semi-static 7.711	
	- 9.591: 96 h Lepomis	
	macrochirus mg/L LC50	
	static 19: 96 h Lepomis	
	macrochirus mg/L LC50 13.5	
	- 17.3: 96 h Oncorhynchus	
	mykiss mg/L LC50 13.1 -	
	16.5: 96 h Lepomis	
	macrochirus mg/L LC50	
	flow-through	
Petroleum naphtha, light	9.22: 96 h Oncorhynchus	6.14: 48 h Daphnia magna
aromatic	mykiss mg/L LC50	mg/L EC50
64742-95-6		_

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical name	Partition coefficient
Acetone	-0.24
67-64-1	
Propane	2.3
74-98-6	
N-Butane 106-97-8	2.89
Xylenes (o-, m-, p- isomers) 1330-20-7	2.77 - 3.15

Other adverse effects

No information available

13. Disposal Considerations

Waste treatment methods

Disposal of wastesDispose of in accordance with federal, state and local regulations.

Contaminated packaging Pressurized container: Do not pierce or burn, even after use. Do not puncture or incinerate

container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your

local solid waste agency for disposal instructions.

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Acetone 67-64-1		Included in waste stream: F039		U002
Xylenes (o-, m-, p- isomers)		Included in waste stream:		U239
1330-20-7		F039		

Chemical name	California Hazardous Waste Status
Acetone 67-64-1	Ignitable
Xylenes (o-, m-, p- isomers) 1330-20-7	Toxic Ignitable

14 Transport Information			
1330-20-7	Ignitable		

DOT

UN/ID no Limited Quantity
Proper Shipping Name Consumer Commodity

Hazard Class ORM-D

Marine pollutant This product contains chemicals which are listed as a marine pollutants according to DOT.

15. Regulatory information

International Inventories

TSCA All ingredients of this product are listed or are excluded from listing under the U.S. Toxic

Subtances Control Act (TSCA) Chemical Substance Inventory.

DSL All ingredients are listed or are excluded from listing on the DSL.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

This product does not contain toxic chemicals (above the de minimis level) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

Chemical name	CAS No	weight-%	SARA 313 - Threshold Values %
Xylenes (o-, m-, p- isomers) - 1330-20-7	1330-20-7	<1	1.0

SARA 311/312 Hazard Categories

yes
yes
yes
No
No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Xylenes (o-, m-, p- isomers) 1330-20-7	100 lb			Х

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Acetone 67-64-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Xylenes (o-, m-, p- isomers) 1330-20-7	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals. This product contains <0.1% cumene and <0.1% ethyl benzene, chemicals known to the state of California to cause cancer.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5			X
Acetone 67-64-1	X	X	X
Propane 74-98-6	Х	X	X
N-Butane 106-97-8	X	X	X
Xylenes (o-, m-, p- isomers) 1330-20-7	Х	X	X

U.S. EPA Label information

EPA Pesticide registration number Not applicable

16. Other information				
<u>NFPA</u>	Health Hazards 2	Flammability 4	Instability 1	Physical and chemical properties Not
<u>HMIS</u>	Health Hazards 2*	Flammability 4	Physical hazards 1	applicable Personal Protection B

Prepared by Regulatory Department

Issue date 30-Sep-2015

Revision note

This SDS supersedes a previous MSDS dated May 02, 2012.

Disclaimer

The information provided in this Material 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.

End of Safety Data Sheet
