



Issue date 05-Aug-2021

# Safety Data Sheet

Version 4

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

### Product Identifier

**Product name** CHAMPION'S CHOICE MULTI-PURPOSE MIST ADHESIVE  
**Chemical name** 5-6020

### Other means of identification

**Product code** FG 438-5115-3  
**Synonyms** Multi-purpose Mist Adhesive

### Recommended use of the chemical and restrictions on use

**Recommended Use** Adhesive for framing and matting, packaging and labeling, lightweight fabricating, general-purpose bonding, etc.

**Uses advised against** Test before using on plastics, vinyl or similar surfaces.

### Details of the supplier of the safety data sheet

Supplier Address	Manufacturer Address
Chase Products Co. 2727 Gardner Road Broadview, IL 60155 708-865-1000	Chase Products Co. 2727 Gardner Road Broadview, IL 60155 708-865-1000

### Emergency Telephone Number

<b>Company Phone Number</b>	708-865-1000
<b>24 Hour Emergency Phone Number</b>	1-800-255-3924
<b>Emergency telephone</b>	ChemTel 1-800-255-3924

## 2. Hazards Identification

### Classification

Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
FLAMMABLE AEROSOLS	Category 1
Gases Under Pressure	liquefied gas

### Label Elements

### EMERGENCY OVERVIEW

#### DANGER

#### **hazard statements**

Causes serious eye irritation  
May cause an allergic skin reaction  
Suspected of causing cancer  
May cause drowsiness or dizziness  
EXTREMELY FLAMMABLE AEROSOL  
Contains gas under pressure; may explode if heated



**Appearance** Viscous, milky white liquid. **Physical State** Aerosol **Odor** Strong solvent odor.

#### Precautionary Statements - Prevention

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Wash face, hands and any exposed skin thoroughly after handling  
Avoid breathing fumes, mist, vapors or spray.  
Contaminated work clothing should not be allowed out of the workplace  
Wear protective gloves  
Use only outdoors or in a well-ventilated area  
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  
Specific treatment: See additional cautionary statements on this label.  
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 ON SKIN: Wash with plenty of soap and water  
If skin irritation or rash occurs: Get medical advice/attention  
Wash contaminated clothing before reuse  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

#### Precautionary Statements - Storage

Store locked up  
Store in a well-ventilated place. Keep container tightly closed  
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F  
Protect from sunlight

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

##### Other Information

20.85% of the mixture consists of ingredient(s) of unknown toxicity

### 3. Composition/information on Ingredients

**Synonyms** Multi-purpose Mist Adhesive.  
**Chemical Family** MIXTURES.  
**Formula** 5-6020

Chemical name	CAS No	weight-%	Trade secret
Methyl acetate	79-20-9	35-40	*
Propane	74-98-6	15-20	*
n-butane	106-97-8	10-15	*
Paradichlorobenzotrifluoride	98-56-6	5-10	*
Bisphenol A - Epichlorohydrin polymer	25068-38-6	<1	*

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

#### 4. First aid measures

##### FIRST AID MEASURES

<b>Eye Contact</b>	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.
<b>Skin contact</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
<b>Inhalation</b>	If overcome by vapor, move person to fresh air. If person is not breathing, call 911 or an ambulance, then provide artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
<b>Ingestion</b>	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person. Do not induce vomiting unless told to do so by a poison control center or doctor.

##### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Acute: Prolonged inhalation of concentrated vapor or mist can cause nasal and respiratory irritation, headaches, dizziness and nausea. Prolonged contact with skin can cause irritation, burning, redness and pain. Contact with eyes causes irritation, burning, tearing, redness and blurred vision.
-----------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

##### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	No further relevant information available.
---------------------------	--------------------------------------------

#### 5. Fire-fighting measures

##### Suitable extinguishing media

CO2, extinguishing powder or water spray. Fight larger fires with water spray.

**Unsuitable extinguishing media** No information available.

##### 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. This product is an aerosol product for which Flame Projection is 18 inches with 1 in. flashback. Temperatures above 120 F may cause cans to burst.

**Hazardous combustion products** Thermal decomposition may yield gases like carbon dioxide, chlorine compounds and fluorine compounds.

##### Explosion data

**Sensitivity to Mechanical Impact** Contents under pressure, keep away from heat and open flame.

**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

<b>Personal precautions</b>	Use with adequate general or local exhaust ventilation.
-----------------------------	---------------------------------------------------------

**For emergency responders** Remove all sources of ignition.

**Environmental precautions**

**Environmental precautions** 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** Do not deliberately inhale vapor or spray mist. Avoid getting spray into eyes. Keep out of reach of children.

**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
Methyl acetate 79-20-9	STEL: 250 ppm TWA: 200 ppm	TWA: 200 ppm TWA: 610 mg/m <sup>3</sup> (vacated) TWA: 200 ppm (vacated) TWA: 610 mg/m <sup>3</sup> (vacated) STEL: 250 ppm (vacated) STEL: 760 mg/m <sup>3</sup>	IDLH: 3100 ppm TWA: 200 ppm TWA: 610 mg/m <sup>3</sup> STEL: 250 ppm STEL: 760 mg/m <sup>3</sup>
Propane 74-98-6	: See Appendix F: Minimal Oxygen Content, explosion hazard	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup>	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>
n-butane 106-97-8	STEL: 1000 ppm explosion hazard	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 1600 ppm TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>
Paradichlorobenzotrifluoride 98-56-6	TWA: 2.5 mg/m <sup>3</sup> F	TWA: 2.5 mg/m <sup>3</sup> F (vacated) TWA: 2.5 mg/m <sup>3</sup>	IDLH: 250 mg/m <sup>3</sup> F

**Appropriate engineering controls**

**Engineering controls** Use 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** Nitrile Rubber, NBR gloves required.

**Respiratory protection** Use in well-ventilated area ONLY. NOTICE: Reports have associated repeated and 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.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Physical State</b>	Aerosol	<b>Odor</b>	Strong solvent odor.
<b>Appearance</b>	Viscous, milky white liquid.	<b>Odor threshold</b>	No information available
<b>Color</b>	White		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	Not applicable	Solvent-based product.	
<b>Melting point/freezing point</b>	Not applicable	No information available	
<b>Boiling point/boiling range</b>	57 °C (135 °F)	No information available	
<b>Flash Point</b>	-10 °C (14 °F) concentrate	No information available	
<b>Evaporation Rate</b>	Faster than butyl acetate	No information available	
<b>Flammability (solid, gas)</b>		No information available	
<b>Flammability Limits in Air</b>		No information available	
<b>Upper flammability limits</b>	16 Vol %		
<b>Lower Flammability Limit</b>	3.1 Vol %		
<b>Vapor pressure</b>	165 mm Hg concentrate	No information available	
<b>Vapor Density</b>		No information available	
<b>Relative Density</b>	0.997 to 1.003 g/ml concentrate	No information available	
<b>Water solubility</b>	Insoluble in water	No information available	
<b>Solubility in other solvents</b>		No information available	
<b>Partition coefficient</b>		No information available	
<b>Autoignition Temperature</b>		No information available	
<b>Decomposition temperature</b>		No information available	
<b>Kinematic viscosity</b>		No information available	
<b>Dynamic viscosity</b>	400 cps	No information available	
<b>Explosive properties</b>	No information available		
<b>Oxidizing properties</b>	No information available		

### Other Information

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC content (%)</b>	30.00%
<b>Density</b>	8.32 to 8.35 lb/gal
<b>Bulk Density</b>	No information available

## 10. Stability and Reactivity

### Reactivity

Not applicable Not applicable

### 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

## FG 438-5115-3 CHAMPION'S CHOICE MULTI-PURPOSE MIST ADHESIVE

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

Carbon monoxide, carbon dioxide, chlorine and fluorine compounds.

## 11. Toxicological Information

### Information on likely routes of exposure

**Product Information** This product has not been tested as whole. See below for information on ingredients.

**Inhalation** Not data available.

**Eye Contact** Not data available.

**Skin contact** Not data available.

**Ingestion** Not data available.

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Methyl acetate 79-20-9	> 5 g/kg ( Rat )	> 5 g/kg ( Rabbit )	> 49000 mg/m <sup>3</sup> ( Rat ) 4 h
Propane 74-98-6	-	-	> 800000 ppm ( Rat ) 15 min
n-butane 106-97-8	-	-	= 658 g/m <sup>3</sup> ( Rat ) 4 h
Paradichlorobenzotrifluoride 98-56-6	= 13 g/kg ( Rat )	> 3300 mg/kg ( Rabbit )	= 33 mg/L ( Rat ) 4 h
Bisphenol A - Epichlorohydrin polymer 25068-38-6	= 11400 mg/kg ( Rat )	-	-

### 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/irritation** May 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.  
**sensitization** No information available.  
**Germ cell mutagenicity** See Section 2 of this SDS.  
**Carcinogenicity** No information available.

Chemical name	ACGIH	IARC	NTP	OSHA
Paradichlorobenzotrifluoride 98-56-6		Group 2B		X

**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

### Numerical measures of toxicity - Product Information

**Unknown acute toxicity** 20.85% 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)	37952 mg/kg
ATEmix (dermal)	6900 mg/kg
ATEmix (inhalation-gas)	32859 mg/l
ATEmix (inhalation-dust/mist)	393.4 mg/l
ATEmix (inhalation-vapor)	99 mg/l

## 12. Ecological Information

### ecotoxicity

6.1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Methyl acetate 79-20-9	120: 72 h Desmodesmus subspicatus mg/L EC50	250 - 350: 96 h Brachydanio rerio mg/L LC50 static 295 - 348: 96 h Pimephales promelas mg/L LC50 flow-through	EC50 = 6000 mg/L 16 h EC50 = 6100 mg/L 30 min	1026.7: 48 h Daphnia magna mg/L EC50
Paradichlorobenzotrifluoride 98-56-6		3: 96 h Danio rerio mg/L LC50 semi-static		3.68: 48 h Daphnia magna mg/L EC50

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

Chemical name	Partition coefficient
Methyl acetate 79-20-9	0.18
Propane 74-98-6	2.3
n-butane 106-97-8	2.89
Paradichlorobenzotrifluoride 98-56-6	3.7

### Other adverse effects

No information available

## 13. Disposal Considerations

### Waste treatment methods

#### Disposal of wastes

Dispose 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	California Hazardous Waste Status
Methyl acetate 79-20-9	Toxic Ignitable

## 14. Transport Information

### DOT

UN/ID no

Limited Quantity

Proper Shipping Name

Consumer Commodity

**Hazard Class** NA

**IATA**

**UN/ID no** UN1950  
**Proper Shipping Name** Aerosols, flammable  
**Hazard Class** 2.1

**IMDG**

**UN/ID no** UN1950  
**Proper Shipping Name** Aerosols, flammable  
**Hazard Class** 2.1

**15. Regulatory information**

**International Inventories**

**TSCA** All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances 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/NDL - *Canadian Domestic Substances List/Non-Domestic Substances List*

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals (above the de-minimis level) which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	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)

**CERCLA**

Does not apply

**US State Regulations**

**California Proposition 65**

.

Chemical name	California Proposition 65
Paradichlorobenzotrifluoride - 98-56-6	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
---------------	------------	---------------	--------------



**FG 438-5115-3 CHAMPION'S CHOICE MULTI-PURPOSE MIST ADHESIVE**

Methyl acetate 79-20-9	X	X	X
Propane 74-98-6	X	X	X
n-butane 106-97-8	X	X	X
Paradichlorobenzotrifluoride 98-56-6	X		

**U.S. EPA Label information**

**EPA Pesticide registration number** Not applicable

**16. Other information**

<b><u>NFPA</u></b>	<b>Health Hazards</b> 2	<b>Flammability</b> 4	<b>Instability</b> 1	<b>Physical and chemical properties</b> Not applicable
<b><u>HMIS</u></b>	<b>Health Hazards</b> 2	<b>Flammability</b> 4	<b>Physical hazards</b> 1	<b>Personal Protection</b> B - Eyes and hands protection

Prepared by Regulatory Department  
 Issue date 05-Aug-2021  
 Revision note  
 This SDS supersedes a previous SDS dated October 02, 2017.

**Disclaimer**

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 used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**