



Issue date 17-Nov-2016

# Safety Data Sheet

Version 1

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

### Product Identifier

**Product name** DECORATING MAGIC SPRAY GLUE  
**Chemical name** 5-5884

### Other means of identification

**Product code** FG 499-0509-5  
**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

<b>Supplier Address</b>	<b>Manufacturer Address</b>
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

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

### Label Elements

#### EMERGENCY OVERVIEW

#### DANGER

#### hazard statements

CAUSES SKIN IRRITATION  
Causes serious eye irritation  
Suspected of damaging fertility or the unborn child  
May cause drowsiness or dizziness  
May cause damage to organs through prolonged or repeated exposure  
May be fatal if swallowed and enters airways  
EXTREMELY FLAMMABLE AEROSOL  
Contains gas under pressure; may explode if heated



**Appearance** Heavy, amber liquid.

**Physical State** Aerosol

**Odor** Petroleum hydrocarbon odor.

**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.  
 Use only outdoors or in a well-ventilated area  
 Wash face, hands and any exposed skin thoroughly after handling  
 Do not breathe fumes, mist, vapors or spray.  
 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 measures. See First Aid Measures on this SDS.  
 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 occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor if you feel unwell  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor  
 Do NOT induce vomiting

**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

**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
- Toxic to aquatic life

**3. Composition/information on Ingredients**

**Synonyms** Multi-purpose Mist Adhesive.  
**Chemical Family** MIXTURES.  
**Formula** 5-5884

Chemical name	CAS No	weight-%	Trade secret
Acetone	67-64-1	15-20	*
Hexane	110-54-3	15-20	*
Propane	74-98-6	15-20	*
n-butane	106-97-8	10-15	*
Cyclohexane	110-82-7	10-15	*

\* 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>	Ingestion from an aerosol product is unlikely to occur. Contains petroleum distillates. Harmful if swallowed. If accidentally swallowed, do not induce vomiting, call physician immediately.

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

<b>Note to physicians</b>	Contains petroleum distillates, do not induce vomiting because of aspiration pneumonia hazard.
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#### 5. Fire-fighting measures

##### Suitable extinguishing media

Use CO<sub>2</sub> (carbon dioxide), sand, extinguishing powder. DO NOT USE WATER.

**Unsuitable extinguishing media** DO NOT USE WATER.

##### 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** Oxides of carbon, phosgene, various hydrocarbon y hydrogen bromide under burning conditions.

##### 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

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**Personal precautions** 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 oxidizers, amines, reactive metals, acids and bases.

## 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: 500 ppm TWA: 250 ppm	TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup> (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m <sup>3</sup> (vacated) STEL: 2400 mg/m <sup>3</sup> 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/m <sup>3</sup>
Hexane 110-54-3	TWA: 50 ppm S*	TWA: 500 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 50 ppm (vacated) TWA: 180 mg/m <sup>3</sup>	IDLH: 1100 ppm TWA: 50 ppm TWA: 180 mg/m <sup>3</sup>
Propane 74-98-6	: See Appendix F: Minimal Oxygen Content	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	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>
Cyclohexane 110-82-7	TWA: 100 ppm	TWA: 300 ppm TWA: 1050 mg/m <sup>3</sup> (vacated) TWA: 300 ppm (vacated) TWA: 1050 mg/m <sup>3</sup>	IDLH: 1300 ppm TWA: 300 ppm TWA: 1050 mg/m <sup>3</sup>

### Appropriate engineering controls

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**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** Household type or Viton 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>	Petroleum hydrocarbon odor.
<b>Appearance</b>	Heavy, amber liquid.	<b>Odor threshold</b>	No information available
<b>Color</b>	Amber liquid.		
<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>	133 °F/56 °C	No information available	
<b>Flash Point</b>	-2 °F/ -19 °C 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>	13.0 Vol %		
<b>Lower Flammability Limit</b>	1.2 Vol %		
<b>Vapor pressure</b>	175 mm Hg concentrate	No information available	
<b>Vapor Density</b>		No information available	
<b>Relative Density</b>	0.796 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>		No information available	
<b>Explosive properties</b>	No information available		
<b>Oxidizing properties</b>	No information available		

**Other Information**

**Softening point** No information available

**Molecular weight** No information available

**VOC content (%)** 59.40

**Density** 6.63 lb/gal

**Bulk Density** No information available

**10. Stability and Reactivity**

**Reactivity**

## FG 499-0509-5 DECORATING MAGIC SPRAY GLUE

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 oxidizers, amines, reactive metals, acids and bases.

### Hazardous decomposition products

Thermal decomposition may yield gases like carbon monoxide, carbon dioxide, phosgene, various hydrocarbon, and hydrogen bromide (under burning conditions).

## 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**

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
Acetone 67-64-1	= 5800 mg/kg ( Rat )	-	= 50100 mg/m <sup>3</sup> ( Rat ) 8 h
Hexane 110-54-3	= 25 g/kg ( Rat )	= 3000 mg/kg ( Rabbit )	= 48000 ppm ( Rat ) 4 h
Propane 74-98-6	-	-	= 658 mg/L ( Rat ) 4 h
n-butane 106-97-8	-	-	= 658 g/m <sup>3</sup> ( Rat ) 4 h
Cyclohexane 110-82-7	= 12705 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 13.9 mg/L ( 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/irritation**

May cause skin irritation and reddening after prolonged or repeated contact with skin.

#### **Serious eye damage/eye irritation**

Irritating to eyes.

#### **corrosivity**

May cause skin and eye irritation.

#### **sensitization**

Not applicable.

#### **Germ cell mutagenicity**

No information available.

#### **Carcinogenicity**

See Section 2 of this SDS.

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

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**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** -  
 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**

This product contains a chemical which, although not listed, meets the IMDG criteria for being a marine pollutant.

**ecotoxicity**

50.3% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Acetone 67-64-1		4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 8300: 96 h Lepomis macrochirus mg/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static	EC50 = 14500 mg/L 15 min	12600 - 12700: 48 h Daphnia magna mg/L EC50 10294 - 17704: 48 h Daphnia magna mg/L EC50 Static
Hexane 110-54-3		2.1 - 2.98: 96 h Pimephales promelas mg/L LC50 flow-through		1000: 24 h Daphnia magna mg/L EC50
Cyclohexane 110-82-7	500: 72 h Desmodemus subspicatus mg/L EC50	3.96 - 5.18: 96 h Pimephales promelas mg/L LC50 flow-through 24.99 - 44.69: 96 h Lepomis macrochirus mg/L LC50 static 23.03 - 42.07: 96 h Pimephales promelas mg/L LC50 static 48.87 - 68.76: 96 h Poecilia reticulata mg/L LC50 static	EC50 = 85.5 mg/L 5 min EC50 = 93 mg/L 10 min	400: 24 h Daphnia magna mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

Chemical name	Partition coefficient
Acetone 67-64-1	-0.24
Propane 74-98-6	2.3
n-butane 106-97-8	2.89
Cyclohexane 110-82-7	3.44

**Other adverse effects**

**Ozone**

No information available  
 This product does not contain CFCs or other ozone depleting substances. Federal regulations prohibit the use CFC propellants in aerosols.

**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	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Acetone 67-64-1		Included in waste stream: F039		U002
Cyclohexane 110-82-7				U056

Chemical name	California Hazardous Waste Status
Acetone 67-64-1	Ignitable
Hexane 110-54-3	Toxic Ignitable
Cyclohexane 110-82-7	Toxic Ignitable

**14. Transport Information**

**DOT**

**UN/ID no** Limited Quantity  
**Proper Shipping Name** Consumer Commodity  
**Hazard Class** ORM-D  
**Marine pollutant** This product contains a chemical which, although not listed, meets the IMDG criteria for being a marine pollutant.

**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/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

**US Federal Regulations**

**SARA 313**

This product contains the following 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 40 CFR 372. This information must be included in all SDSs that are copied and distributed for this material.

Chemical name	CAS No	weight-%	SARA 313 - Threshold Values %
Hexane - 110-54-3	110-54-3	15-20	1.0



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Cyclohexane - 110-82-7	110-82-7	10-15	1.0
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**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	yes
<b>Chronic Health Hazard</b>	yes
<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)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Cyclohexane 110-82-7	1000 lb			X

**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
Hexane 110-54-3	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Cyclohexane 110-82-7	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

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

Chemical name	New Jersey	Massachusetts	Pennsylvania
Acetone 67-64-1	X	X	X
Hexane 110-54-3	X	X	X
Propane 74-98-6	X	X	X
n-butane 106-97-8	X	X	X
Cyclohexane 110-82-7	X	X	X

**U.S. EPA Label information**

**EPA Pesticide registration number** Not applicable

**16. Other information**

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

*Chronic Hazard Star Legend*

*See Section 11: TOXICOLOGICAL INFORMATION*

**Prepared by**

Regulatory Department

Issue date 17-Nov-2016

Revision note

This SDS supersedes a previous MSDS dated March 05, 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**