



Important information

The Hazard Communication Standard (HCS) requires importers and manufacturers to provide Safety Data Sheets (SDSs) (formerly known as Material Safety Data Sheets or MSDSs) to communicate the hazards of hazardous chemical products.

As of June 1, 2015, the HCS will require new SDSs to be in a uniform format, and include the section numbers, the headings, and associated information under the new headings.

SDSs that represent non-hazardous chemicals are not covered by the HCS. Paragraph 29 CFR 1910.1200(g)(8) of the standard requires that "the employer shall maintain in the workplace copies of the required SDSs for each hazardous chemical, and shall ensure that they are readily accessible during each work shift to employees when they are in their work area(s)." OSHA does not require nor encourage employers to maintain MSDSs for non-hazardous chemicals. Consequently, an employer is free to discard MSDSs for non-hazardous chemicals.

SDS are only required for materials that are hazardous. Often times, manufacturers are asked for MSDS's for products that do not meet this requirement - manufacturers are under no obligation to produce SDS's for non-hazardous materials. OSHA discourages the production of MSDS & SDS for non-hazardous materials.

An **"article"** means a manufactured item: (1) which is formed to a specific shape or design during manufacture (2) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (3) which does not release, or otherwise result in exposure to, a hazardous chemical under normal conditions of use. Any product which meets the definition of an "article" would be exempt from the requirements of the Standard.

The definition above has been amended to permit the release of "very small quantities, e.g., minute or trace amounts" of a hazardous chemical and still qualify as an article provided that a physical or health risk is not posed to the employees (59 F.R. 6146). In evaluating an article, one must consider the health risk which exposure to that article presents. (The term "risk" as opposed to "hazard" is used here, since the hazard is an inherent property of the chemical and exists no matter the quantity of exposure. To be exempted as an article, exposure must not pose a risk to employee health.)

Note that OSHA cannot make an across-the-board determination of a products' exclusion as an "article." The standard's definition by its very wording imposes the need to make case-by-case evaluations. Consequently, a blanket exemption for specific products cannot be given by OSHA.

The HCS **exempts** any **consumer product** or hazardous substance, as those terms are defined in the Consumer Product Safety Act (15 U.S.C. 2051 et seq.) and Federal Hazardous Substances Act (15 U.S.C. 1261 et seq.) respectively, where the employer can show that it is used in the workplace for the purpose intended by the chemical manufacturer or importer of the product, and the use results in a duration and frequency of exposure which is not greater than the range of exposures that could reasonably be experienced by consumers when used for the purpose intended.

According to the first OSHA interpretation listed below, "...clerical workers...**may not** be subject to the requirements of the HCS. Office workers who encounter hazardous chemicals only in isolated instances are not covered by the rule." **The Occupational Safety and Health Administration (OSHA) considers most office products (such as pens, pencils, adhesive tape) to be exempt** under the provisions of the rule, either as articles or as consumer products.

Jacquard's pen and marker products are considered either: a) articles b) office products and/or c) consumer products and are exempted from the requirements of the Standard(s) and do not require SDS (unless otherwise noted).

Nonetheless, some downstream clients may insist on an SDS even when one is not required. In such cases, OSHA has suggested providing a written statement such as *"This product is not considered to be or to contain hazardous chemicals based on evaluations made by our company under the OSHA Hazard Communication Standard, 29 CFR 1910.1200."* This gives the requesting party something that they can put in their files and saves the manufacturer from needless work.

For more information refer to: <https://www.osha.gov/html/faq-hazcom.html>



Date : January 4, 2018

1. PRODUCT INFORMATION

Product Name: Auto Fade Pen Ink (bulk)
Product Number: 9904004
Recommend Application: Marker (as ink)

Manufacturer:

Rupert Gibbon & Spider, Inc.
1147 Healdsburg Ave.
Healdsburg, CA 95448
800-442-0455 / 707-433-9577

Emergency number:

CHEMTREC (24HR Emergency Telephone),
call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 800-442-0455

2. HAZARDS IDENTIFICATION

GHS Classification

Physical hazards
Health hazards

Flammable liquid
Acute toxicity (Oral)
Acute toxicity (Endermic)
Acute toxicity (Inhale : Gas)
Acute toxicity (Inhale : Dust, Mist)
corrosion / irritative
Eye irritation
Sensitizing property of apparatus respiratorius
Skin sensitizing property
Generate cell mutagenicity
Carcinogen
Reproductive effect
Single exposure

Category 3
Out of Division
Not Classification
Not Classification
Out of Division Skin
Not Classification
Category 2A
Category 1
Category 1
Category 2
Category 1A
Category 1A

Specially Target Organ
/ Systematic Toxicity

Category 1 (Respiratory organ)

Repeated exposure

Category 1 (Lungs, Liver, Nervous
system,thyroid gland)
Category 2 (Central nervous system,
blood system, Myocardium , reproductive
organs)

Environmental hazards

Attractant respiratory harmful effect
Acute aquatic toxicity
Chronic aquatic toxicity

Not Classification
Not Classification
Not Classification



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Pictograms



Label element

Signal words Danger, Warning

Hazardous Information

- H226 Flammable liquid and vapour
- H319 Causes serious eye irritation
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H317 May cause allergic skin reaction
- H341 Suspected of causing genetic defects

- H350 May cause cancer
- H360 May damage fertility or the unborn child
- H370 Causes damage to organs (Respiratory organ)
- H372 Causes damage to organs (Lungs, Liver, central nervous system, thyroid gland) through prolonged or repeated exposure
- H373 Causes damage to organs (Central nervous system, blood system, Myocardium, reproductive organs) through prolonged or repeated exposure



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Instruction

[Measure for Safety]

- P210 Keep away from ignition sources such as heat/sparks/open flame- No smoking.
- P233 Keep container tightly closed.
- P240 Ground/Bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P280 Wear protective gloves and eye/face protection.
- P281 Use personal protective equipment as required.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P270 Do not eat, drink or smoke when using this product.
- P264 Wash hands thoroughly after handling.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.

[First Aid]

- P303+P361+P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse SKIN with water/shower.
- P370+P378 In case of fire, use proper equipment for extinction.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash hands after handling.
- P337+P313 If eye irritation persists, get medical advice/attention.
- P304+P341 IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing,
- P342+P311 If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs, seek medical advice/attention.
- P363 Wash contaminated clothing before reuse.
- P308+P313 IF exposed or concerned: Get medical attention/advice.
- P307+P311 IF exposed: Call a POISON CENTER or doctor/physician.
- P321 Specific treatment, see section 4.
- P314 Get medical attention/advice if you feel unwell.

[Storage]

- P403+P235 Store in cool/well ventilated place.
- P405 Store locked up.

[Disposal]

- P501 To dispose the content and container, entrust the special waste disposer authorized by the governor of prefectural and city governments.

Country / Community Information: N/A



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3. COMPOSITION AND INGREDIENT INFORMATION

Single, Mixture:

Mixture Ingredient and content

Ingredient name	CAS No.	Concentration (wt%)
Ethanol	64-17-5	<5.0
n-Propylalchol	71-23-8	<1.0
Isopropylalchol	67-63-0	<1.0
Polyethylene glycol	25322-68-3	10-30
Ammonium thiocyanate	1762-95-4	<5.0
Cobalt(II) chloride hexahydrate	7791-13-1	<5.0
Water	7732-18-5	<75
Total	-	100



4. FIRST AID

- For Inhale: Remove the victim to the fresh air area. If feel bad, see a doctor.
- For Skin: Put off the all polluted clothes immediately. Clean with the proper temp. and slow flowing water for over 15 minutes. If have irritate the skin, see a doctor. Call a doctor if feel bad. Before re-use the put off clothes, clean it up and remove the pollution.
- For Eyes: Put off the contacts if possible, and continue to clean. Clean the eyes carefully for a few minutes. If the eyes get this product, clean the eye immediately and wash away completely. If the cleaning eyes not enough, it may cause irreversible eye damage.
If irritate to the eyes continue, see a doctor.
- For Swallow: Call a doctor, if feel bad. Rinse the mouth out. Do not have the victim vomit.
- Expected acute symptom and late symptom: Sialorrhoea, face flash, cough, dizzy, lethargy, headache, sore throat, deliquim animi barf, vomition
- Most important sign and symptom: No data
- Protect the person received first aid: Rescuer must wear proper protective equipment according to the situation.
- Special notandum for doctor: Symptom will appear later, so that if the patient exposed excessively, it needs medical follow progress.

5. FIRE-FIGHTING MEASURE

- Extinguishing Media: Small fire / Carbon dioxide, dry chemical extinguishing media, water spray, alcoholic resistance foam.
- Great Conflagration: Water spray, mist water, alcoholic resistance form.
- Forbidden Extinguishing Media: Cylindrical pouring water.
- Special Dangerous and Harmful Effect: The irritative, toxicity and corrosive gas is generated by fire. The container will be burst by heating. If it is not dangerous, move the container from the fire area.
If it is impossible to move, cool the container and around by spraying water. After extinguishing a fire, cool the container completely by large quantity of water.
- Protect the Person Extinguish a Fire: For fighting fire, wear compressed air open-circuit SBCA and protect equipment for chemical. Fight a fire from up wind.

6. ACCIDENTAL RELEASE MEASURES

- Notandum for Human Body, Protective Equipment and Emergency Measure: The worker must wear proper protector (refer to section 8) not to get the paint on the skin or into eyes. Do not touch the leakage material or walk into it. Keep the proper distance in all direction as the leakage area immediately. No unauthorized entry. If leakage but not occur a fire, wear the occlusive and impervious protect wear. Stay in the wind. Move away from the low ground. Ventilate before enter the sealed area.
- Notandum for Environment: Prevent from influx into the drain ditch, sewer, basement and closed area. Take notice not to affect the environment by discharge the paint into the river.
- Collect Neutralization: In small quantity case, absorb the leakage material by dry sand and nonflammable material or collect it in the sealed type container then dispose it. In small quantity case, collect the absorbed material by clean antistatic tools. In large quantity case, yard the leakage material by mound to prevent flow out and lead it into safety area then collect it. In large quantity case, water spray lower the steam temperature but it may not inhibit combustion at the sealed area.
- Containment or Depurant and Equipment: If it is not danger, stop the leakage. Ground all equipment which need for handle the leakage material. Use steam retard foam for lower the steam concentration.



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Precaution of Second Disaster:

Clear away all ignition source immediately (Do not smoking near around, forbid firework and flame) In case large steam generating, retard it by mist spray. Call related agency and ask the help.



7. HANDLING AND STORAGE

Handling Do the equipment measure described on the section 8 and wear protector.
Local exhaust ventilation, whole ventilation: Do the local exhaust ventilation and whole ventilation described on section 8. Prevent leakage the liquid and steam as possible.
Safe handling notandum: This product irritates the eyes so be careful not to get it into the eyes. This product may cause sleep or vertigo, irritate the apparatus respiratorius and damage organ parts so that do not touch, inhale and swallow it. Do not fall, drop, shock or drag the container. Clean hands well after use this product. Use this product outside or well ventilated area only. Avoid touching, refer to the section10.
Storage Keep away from high temperature materials spark and fire, and avoid touching oxidizer and organic peroxide. Keep the container airtight and stock it in well ventilated place. Stock in the fulfilled and ventilated and cool place. Keep away from oxidant. Keep away from direct sunlight and fire. The inventory location must be fire-proof construction and the floor must be impermeable to prevent permeate the basement and spill to outside. Lock up the container.
Dangerous goods if mixed: Refer to the section 10.
Container material: Use the container regulated by fire law and UN transportation law.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Install the eyewashing devices and safety shower where handle or stock this product.
Protection Equipment
For apparatus respiratorius: Wear proper respiratory protect equipment such as gas mask for organic gas (if high concentration, wear air-supplied respirator).
For hands: Wear the gloves designated by manufacturer.
For eyes: Wear the eye protector designated by manufacturer.
For skin and Body: Wear protect boots, oil resistant apron (impermeable and antistatic) and protect clothes (antistatic) designated by manufacturer.
Hygiene Measure Check the protect equipment regularly with check sheet. Clean hands well after use this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Table with 3 columns: Property Name, Value/Condition, and Reference/Status. Rows include Physical Properties (Appearance/Condition, Odor, Boiling point, Vapor pressure, Specific gravity, pH, Other), Hazardous Information (Flash point, Ignition point, Explosion limit), and Other Information (Odor threshold, Vapor density, Relative density, Melting point, Solubility, Evaporation rate, Flammability, Partition coefficient, Auto-ignition temperature, Decomposition temperature, Viscosity).



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10. STABILITY AND REACTIVITY

Stability: Under usually storage condition, it is stable.
Hazardous Reactivity: Nothing
Avoid Condition: Nothing
Avoid Touching: Nothing
Hazardous Decomposition Product:
Generates harmful gas such as carbon monoxide and carbon dioxide.



11. TOXICOLOGICAL INFORMATION

Harmful ingredient and exposure limit.

Name	ACGIH (TLV)	IARC	OTHER
Ethanol	STEL 1000ppm	1	LD ₅₀ =6, 200 mg/kg (rat oral)
n-Propylalchol	TWA 100ppm	-	LD ₅₀ =1, 870mg/kg (rat oral)
Isopropylalchol	TWA 200ppm STEL 400ppm	3	LD ₅₀ =4, 384 mg/kg (rat oral)
Ammonium thiocyanate	-	-	LD ₅₀ =500 mg/kg (rat oral)
Cobalt(II) Chloride Hexahydrate	TWA 0.02 mg/m ³ Co	2B	-

Other harmful information relevant to composition:

No data

Harmful information for product:

No data

12. ECOLOGICAL INFORMATION

Acute Hazardous Aquatic Environment:

No data

Inveteracy Hazardous Aquatic Environment:

No data

13. DISPOSAL CONSIDERATIONS

Residue Waste: For dispose, follow the related regulation and standard of local governments. Ask the licensed industrial waste disposal company or local governments.

For Burning: Spray the incinerator with waste liquid directly or mix with flammable solvent in small quantity to burn. Activated sludge process.

Polluted container and package: Clean the container and recycle or treat it in accordance with the related regulation or local governments. If dispose the container, remove the content completely.

14. TRANSPORT INFORMATION

Common: Please follow the section7. Check if there are no leakage from container and take cargo without falling, dropping and damage.

Land Transportation: In case of fall under the Fire Law, Industrial Safety and Health Law, Poisonous Material Control Law follow each relevant mode of transportation.

Marine Transportation: Please follow the Law for Safety of Vessel.

Air Transportation: Please follow the Aviation Law and regulation of ICAO.

UN No. 3175

Packing group: III

15. REGULATORY INFORMATION

Regulatory information with regard to this substance in your country or region should be examined by your own responsibility.

Outline of Hazardous Material Regulation in Japan.

Industrial Safety and Health Law: Notice object goods (Article 57, section 2, Enforcement regulation 18-21, appendix 9.) N/A

Fire Law: N/A N/A

Law for Safety of Vessel

Aviation Law:



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16. OTHER INFORMATION

The information contained in this SDS is based on data from sources considered to be reliable but Rupert, Gibbon & Spider, Inc. does not guarantee the accuracy or completeness thereof. Rupert, Gibbon & Spider Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire and understand the data in this SDS.

N/A = Not Applicable