

Safety Data Sheet as per 29 CFR 1910.1200
GHS SDS

Section 1: Company and Product Identification

Brand Name: Dr. Ph. Martin's

Product Name: TECH DRAWING INK bottles and set
Product Code: TECH

Company: Salis International Inc. 301 Commercial Road ste H Golden, CO 80401 Phone 303-384-3588

Emergency Response: 303-384-3588 contact Larry Salis



Colors 1W thru 14W

Section 2: Hazards Identification

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according to: OSHA 29 CFR 1910.1200 None

GHS CLASSIFICATION

HEALTH

No Ingredients are present above the 1% action level that give rise to GHS

ENVIRONMENTAL

Acute Toxicity: None Known

Chronic Toxicity: None Known

PHYSICAL

Waterborne, Not flammable

GHS LABEL: None
Pictograms: None required

Hazard Statements

No Hazard Statements apply
Not Applicable

Precautionary Statements:

P101: If medical advice is needed , take the product label with you
P103: Read the label before use.

Section 3: Composition / Information on Ingredients

Waterbased pigment suspension

No Hazardous ingredients are present above the 1% reporting level.
 All of the constituents of this product are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that listing.

Hazardous substance (name)	CAS#	Weight %

Section 4: First Aid Measures

General Info:	
Notable Exposure symptoms:	None expected
If ingested:	Rinse mouth with water. Do not induce vomiting. If symptoms occur, seek medical advice immediately
If inhaled:	Remove to fresh air. If breathing difficulties occur, seek medical advice.
Eye contact:	Flush eyes immediately with plenty of water for 15 minutes and seek medical advice immediately.
Skin contact:	If Irritation develops, seek medical advice. Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water.
Additional Information:	

Section 5: Fire Fighting Measures

General Info:	
Extinguishing Method / Equipment:	None necessary, as the product is not flammable. Some dry products can be made to burn, use water
Hazardous Decomposition Info:	None

HMIS /NFPA
 Health 0
 Flammability 0
 Reactivity 0

Legend 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

Section 6: Accidental Release Measures

General Info:	Personal precautions: Prevent contact with eyes. Environmental Precautions: None necessary
Containment Equipment and Procedures:	None needed
Cleanup Procedures:	Absorbant towels and water

Section 7: Handling and Storage

Safe Handling Precautions:	Avoid contact with eyes, skin and clothing.
Recommendations for Storage:	Standard indoor room temperature
Incompatibilities:	None Known

Section 8: Exposure Control / Personal Protection

General / Engineering Controls:	None. Exposure Limits: No hazardous chemicals are present above 1% by weight.
Work Clothing:	no special clothing required
Eye Protection:	None required
Skin Protection:	None required
Respiratory Protection:	None required. However if airbrushing recommended to use a N.I.O.S.H approved mask whether toxic or non-toxic.
Additional Information:	

Substances with Exposure Limits	CAS#	ACGIH-TLV	OSHA-PEL	OTHER
None				

Section 9: Physical and Chemical Properties

State:	liquid	Melting Point:	n/a	Freezing Point:	0 degrees C
Color:	variable	Boiling Point:	100 degrees C	pH	7
Density:	n/a	Odor:	paint like	Water Solubility:	Complete
Evaporation rate:	of water	Flash Point:	none	Part. Coeff (n-octanol/water)	n/a
Upper Flam Limits:	none	Lower Flam Limits:	none	Other:	

Section 10: Stability and Reactivity

General:	Stable
Incompatible materials:	Oxidizers, strong acids and bases

Decomposition products:	None in normal use conditions. Waterbased
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Section 11: Toxicological Information

General Information:	No chronic effects. Acute effects none expected. Acute symptoms may result from direct eye contact: eye irritation, skin contact: skin irritation and allergic reaction among certain sensitized individuals to chemicals, Inhalation: none expected, Ingestion: may cause nausea.
Toxicological Information (product):	No toxic materials are present above the 1% level for GHS
Likely Routes of Exposure:	Eyes and Skin contact

Toxicological Information (contained substances)

Hazardous substance (name)	LD50 Oral	LD50 Dermal	Eye Irritancy:	Skin Irritancy:
NONE				

Carcinogenicity or mutagenicity:	NONE
Other Notes:	

Section 12: Ecological Information

General information:	None Known
Aquatic toxicity:	None
Degradation info:	None
Other info:	

Section 13: Disposal Information

Product disposal:	
Container disposal:	
Other considerations:	Follow local and national regulations

Section 14: Transport Information

General:	Not regulated
DOT:	Not regulated
IMO/IMDG:	
IATA:	
OTHER:	

Section 15: Regulatory Information

TSCA:	n/a
CERCLA RQ:	n/a
SARA 311/312:	n/a
SARA 313:	n/a
California Prop 65 Substances:	None
Canadian DSL:	n/a
WHMIS Disclosure:	n/a

Section 16: Other Information

SDS Author:	Larry Salis
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Version Date: 12/1/14

Revision Date

Jan-13

Disclaimer Statement of Liability

The information contained herein, is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1. Non-toxic ingredients are confidentially withheld information under 29 CFR 1910.1200(i)

Signal Word

Warning

Danger

H228: Flammable solid
H229: Pressurized container: may burst if heated
H230: May react explosively even in the absence of air
H231: May react explosively even in the absence of air at elevated pressure and/or temperature
H240: Heating may cause an explosion
H241: Heating may cause a fire or explosion
H242: Heating may cause a fire
H250: Catches fire spontaneously if exposed to air
H251: Self-heating; may catch fire
H252: Self-heating in large quantities; may catch fire
H260: In contact with water releases flammable gases which may ignite spontaneously
H261: In contact with water releases flammable gas
H270: May cause or intensify fire; oxidizer
H271: May cause fire or explosion; strong oxidizer
H272: May intensify fire; oxidizer
H280: Contains gas under pressure; may explode if heated
H281: Contains refrigerated gas; may cause cryogenic burns or injury
H290: May be corrosive to metals
H300: Fatal if swallowed
H301: Toxic if swallowed
H302: Harmful if swallowed
H303: May be harmful if swallowed
H304: May be fatal if swallowed and enters airways
H305: May be harmful if swallowed and enters airways
H310: Fatal in contact with skin
H311: Toxic in contact with skin
H312: Harmful in contact with skin
H313: May be harmful in contact with skin
H314: Causes severe skin burns and eye damage

H315: Causes skin irritation
H316: Causes mild skin irritation
H317: May cause an allergic skin reaction
H318: Causes serious eye damage
H319: Causes serious eye irritation
H320: Causes eye irritation
H330: Fatal if inhaled
H331: Toxic if inhaled
H332: Harmful if inhaled
H333: May be harmful if inhaled
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335: May cause respiratory irritation
H336: May cause drowsiness or dizziness
H340: May cause genetic defects
H341: Suspected of causing genetic defects
H350: May cause cancer
H351: Suspected of causing cancer
H360: May damage fertility or the unborn child
H361: Suspected of damaging fertility or the unborn child
H361d: Suspected of damaging the unborn child
H362: May cause harm to breast-fed children
H370: Causes damage to organs
H371: May cause damage to organs
H372: Causes damage to organs through prolonged or repeated exposure
H373: May cause damage to organs through prolonged or repeated exposure
H400: Very toxic to aquatic life
H401: Toxic to aquatic life
H402: Harmful to aquatic life
H410: Very toxic to aquatic life with long lasting effects
H411: Toxic to aquatic life with long lasting effects
H412: Harmful to aquatic life with long lasting effects
H413: May cause long lasting harmful effects to aquatic life
H420: Harms public health and the environment by destroying ozone in the upper atmosphere

Hazard Statements

Not Applicable

- H200: Unstable explosive
- H201: Explosive; mass explosion hazard
- H202: Explosive; severe projection hazard
- H203: Explosive; fire, blast or projection hazard
- H204: Fire or projection hazard
- H205: May mass explode in fire
- H220: Extremely flammable gas
- H221: Flammable gas
- H222: Extremely flammable aerosol
- H223: Flammable aerosol
- H224: Extremely flammable liquid and vapour
- H225: Highly flammable liquid and vapour
- H226: Flammable liquid and vapour
- H227: Combustible liquid
- H228: Flammable solid
- H229: Pressurized container: may burst if heated
- H230: May react explosively even in the absence of air
- H231: May react explosively even in the absence of air at elevated pressure and/or temperature
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- H241: Heating may cause a fire or explosion
- H242: Heating may cause a fire
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- H261: In contact with water releases flammable gas
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- H271: May cause fire or explosion; strong oxidizer
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- H280: Contains gas under pressure; may explode if heated
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P410

Precautionary Statements**Not Applicable**

- P101: If medical advice is needed, have product container or label at hand
- P102: Keep out of reach of children
- P103: Read label before use
- P201: Obtain special instructions before use
- P202: Do not handle until all safety precautions have been read and understood
- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P211: Do not spray on an open flame or other ignition source
- P220: Keep/Store away from clothing/.../combustible materials
- P221: Take any precaution to avoid mixing with combustibles
- P222: Do not allow contact with air
- P223: Keep away from any possible contact with water, because of violent reaction and possible flash fire
- P230: Keep wetted with ...
- P231: Handle under inert gas
- P232: Protect from moisture
- P233: Keep container tightly closed
- P234: Keep only in original container
- P235: Keep cool
- P240: Ground/bond container and receiving equipment
- P241: Use explosion-proof electrical/ventilating/light/.../equipment
- P242: Use only non-sparking tools
- P243: Take precautionary measures against static discharge
- P244: Keep reduction valves free from grease and oil
- P250: Do not subject to grinding/shock/.../friction
- P251: Pressurized container – Do not pierce or burn, even after use
- P260: Do not breathe dust/fume/gas/mist/vapours/spray
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray
- P262: Do not get in eyes, on skin, or on clothing
- P263: Avoid contact during pregnancy/while nursing
- P264: Wash ... thoroughly after handling
- P270: Do not eat, drink or smoke when using this product
- P271: Use only outdoors or in a well-ventilated area
- P272: Contaminated work clothing should not be allowed out of the workplace
- P273: Avoid release to the environment
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P281: Use personal protective equipment as required
- P282: Wear cold insulating gloves/face shield/eye protection
- P283: Wear fire/flame resistant/retardant clothing
- P284: Wear respiratory protection
- P285: In case of inadequate ventilation wear respiratory protection
- P231+232: Handle under inert gas. Protect from moisture
- P235+410: Keep cool. Protect from sunlight
- P301: IF SWALLOWED:
- P302: IF ON SKIN:

- P303: IF ON SKIN (or hair):
- P304: IF INHALED:
- P305: IF IN EYES:
- P306: IF ON CLOTHING:
- P307: IF exposed:
- P308: IF exposed or concerned:
- P309: IF exposed or you feel unwell:
- P310: Immediately call a POISON CENTER or doctor/physician
- P311: Call a POISON CENTER or doctor/physician
- P312: Call a POISON CENTER or doctor/physician if you feel unwell
- P313: Get medical advice/attention
- P314: Get Medical advice/attention if you feel unwell
- P315: Get immediate medical advice/attention
- P320: Specific treatment is urgent (see ... on this label)
- P321: Specific treatment (see ... on this label)
- P322: Specific measures (see ... on this label)
- P330: Rinse mouth
- P331: Do NOT induce vomiting
- P332: If skin irritation occurs:
- P333: If skin irritation or a rash occurs:
- P334: Immerse in cool water/wrap in wet bandages
- P335: Brush off loose particles from skin
- P336: Thaw frosted parts with lukewarm water. Do not rub affected areas
- P337: If eye irritation persists:
- P338: Remove contact lenses if present and easy to do. continue rinsing
- P340: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P341: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
- P342: If experiencing respiratory symptoms:
- P350: Gently wash with plenty of soap and water
- P351: Rinse cautiously with water for several minutes
- P352: Wash with soap and water
- P353: Rinse skin with water/shower
- P360: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes
- P361: Remove/Take off immediately all contaminated clothing
- P362: Take off contaminated clothing and wash before reuse
- P363: Wash contaminated clothing before reuse
- P370: In case of fire:
- P371: In case of major fire and large quantities:
- P372: Explosion risk in case of fire
- P373: DO NOT fight fire when fire reaches explosives
- P374: Fight fire with normal precautions from a reasonable distance
- P375: Fight fire remotely due to the risk of explosion
- P376: Stop leak if safe to do so
- P377: Leaking gas fire – do not extinguish unless leak can be stopped safely
- P378: Use ... for extinction (*to manually edit*)

P380: Evacuate area
P381: Eliminate all ignition sources if safe to do so
P391: Collect spillage
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+334: IF ON SKIN: Immerse in cool water/wrap in wet bandages
P302+350: IF ON SKIN: Gently wash with plenty of soap and water
P302+352: IF ON SKIN: Wash with soap and water
P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/show
P304+312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P304+341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for br
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to
P306+360: IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clot
P307+311: IF exposed: Call a POISON CENTER or doctor/physician
P308+313: IF exposed or concerned: Get medical advice/attention
P309+311: IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician
P332+313: If skin irritation occurs: Get medical advice/attention
P333+313: If skin irritation or a rash occurs: Get medical advice/attention
P335+334: Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages
P337+313: If eye irritation persists get medical advice/attention
P342+311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
P370+376: In case of fire: Stop leak if safe to do so
P370+378: In case of fire: Use ... for extinction
P370+380: In case of fire: Evacuate area
P370+380+375: In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion
P371+380+375: In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion
P401: Store ... (to manually edit)
P402: Store in a dry place
P403: Store in a well ventilated place
P404: Store in a closed container
P405: Store locked up
P406: Store in a corrosive resistant/... container with a resistant inner liner
P407: Maintain air gap between stacks/pallets
P410: Protect from sunlight
P411: Store at temperatures not exceeding ... °C/... °F (to manually edit)
P412: Do not expose to temperatures exceeding 50 °C/122 °F
P413: Store bulk masses greater than ... kg/... lbs at temperatures not exceeding ... °C/... °F (to manually edit)
P420: Store away from other materials
P422: Store contents under ... (to manually edit)
P402+404: Store in a dry place. Store in a closed container
P403+233: Store in a well ventilated place. Keep container tightly closed
P403+235: Store in a well ventilated place. Keep cool
P410+403: Protect from sunlight. Store in a well ventilated place

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P411+235: Store at temperatures not exceeding ... °C/... °F. Keep cool (*to manually edit*)

Section14Phrases

Product is not classified as Dangerous Goods.

Product is not classified as Dangerous Goods when transported in non-bulk quantities for road shipments in US.

Product may be regulated as Dangerous Goods when transported via Air or Ocean.

do – continue rinsing

Pictogram Description

BLANK



GHS01



GHS02



GHS03



GHS04



GHS05



GHS06



GHS07



GHS08



GHS09