

Tri Art Manufacturing Inc.
4 Harvey Street
Kingston, Ontario, K7K 5B9
Canada
(613) 541-0299

PRODUCT: Tri-Art Orange Scented Thinner**Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Identity..... Tri-Art Orange Scented Thinner
 Manufacturer name and address..... Tri-art Manufacturing Inc.
 4 Harvey Street
 Kingston
 Ontario
 Canada
 K7K 5B9
 1-888-541-0299
 24 hour emergency phone number..... (613) 541-0299 (9 am to 5 pm EST).
 Recommended use..... Used for thinning oil paints and mediums and for cleaning brushes and painting tools. Keep out of reach of children. Intentional misuse of this product may be harmful.
 Chemical family..... Petroleum hydrocarbon.
 Note..... Please read this safety data sheet before using this product.

Section 02: HAZARDS IDENTIFICATION

Signal Word..... DANGER.
 Hazard Classification / Category..... H226 Flammable liquid and vapour Category 3. H304 May be fatal if swallowed and enters airways - Aspiration Toxicity Category 1. H317 May cause an allergic skin reaction. Skin Sensitizer Category 1.
 Precautionary Statements..... P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P233 Keep container tightly closed. P235 Keep cool. P240 Ground and bond container and receiving equipment. P241 Use explosion proof equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling. P270 Do not eat drink or smoke while using this product. P271 Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye protection. .
 Response..... P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower. P304 + P312 If inhaled call a poison control centre or doctor; remove person to fresh air and follow instructions from the poison control centre. P305 + P351 + P338 If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing until medical help arrives. P308 + P311 If exposed or concerned; call a poison center or doctor. P370 + P378 In case of fire - use dry chemical powder, CO2 or 6% foam. .
 Storage..... P403 + P235 Store in well ventilated area. Keep cool. P405 Secure storage to prevent children from having access. .
 Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.

Section 03: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS #	Wt. %
ODORLESS MINERAL SPIRITS	64741-65-7	95-100
D-LIMONENE	5989-27-5	1-5

Section 04: FIRST AID MEASURES

Eye Contact..... Immediately flush eyes with running water for at least 5 to 10 minutes. If irritation persists, seek prompt medical attention.
 Ingestion..... Call a physician or poison control centre immediately. Do not induce vomiting. Never give anything by mouth if victim is unconscious.
 Inhalation..... Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

PRODUCT: Tri-Art Orange Scented Thinner**Section 04: FIRST AID MEASURES**

Skin Contact.....	Remove immediately all contaminated clothing. Wash exposed area thoroughly with soap and water for at least 15 minutes. Get medical attention. Wash contaminated clothing before reuse.
Additional Information.....	Treat symptomatically. The main hazard from ingestion is aspiration of the liquid into the lungs.

Section 05: FIRE FIGHTING MEASURES

Extinguishing Media.....	Use water fog or fine spray, foams, carbon dioxide or dry chemical. Do not use water jet, as this may spread burning material.
Hazardous Combustion Products.....	Carbon oxides; Nitrogen oxides (NOx); Polycyclic aromatic hydrocarbons; Reactive hydrocarbons; Other unidentified organic compounds.
Special Fire Fighting Procedures.....	Combustible liquid and vapor. This material may be ignited by heat, sparks and direct flame. Vapours are heavier than air and collect in confined and low-lying areas. Material will float on water and can be re-ignited at the water's surface. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so. Use water to cool fire-exposed containers.
Unusual Fire/Explosion Hazards.....	May be sensitive to static discharge. Not expected to be sensitive to mechanical impact.

Section 06: ACCIDENTAL RELEASE MEASURES

Personal Precautions.....	Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Refer to protective measures listed in sections 7 and 8.
Emergency Procedures.....	Remove all sources of ignition. Ventilate area of release. Stop the spill at source if it is safe to do so. Use only non-sparking tools and equipment in the clean-up process. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.
Methods / Materials For Containment.....	Use suitable absorbent materials such as cloth, rags, sponges, or paper towels. Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.
Clean Up.....	Do not use combustible absorbents, such as sawdust.

Section 07: HANDLING AND STORAGE

Handling Precautions.....	Persons with recurrent skin eczema or sensitization problems should be excluded from working with this product. Once a person is sensitized, no further exposure to the material that caused the sensitization should be permitted. Wear chemically resistant protective equipment during handling. Use only in well-ventilated areas. Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep away from heat, sparks, and open flames. Ground all equipment during handling. Keep away from incompatibles. Keep containers tightly closed when not in use. Empty containers retain residue (liquid and/or vapour) and can be dangerous.
Storage Requirements.....	Store in a cool, dry, well ventilated area. Keep away from incompatibles. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking in the area. Do not freeze. Always keep in containers made of the same materials as the supply container.

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients	ACGIH TLV		OSHA PEL		NIOSH REL
	TWA	STEL	PEL	STEL	
ODORLESS MINERAL SPIRITS	100 ppm	Not established	Not established	Not established	Not established
	NOT ESTABLISHED				
D-LIMONENE	Not established 30 ppm	Not established	Not established	Not established	Not established
Exposure Limits					
Protective Equipment.....	Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.				
Clothing/Type.....	Wear impervious gloves, such as butyl rubber. Advice should be sought from glove suppliers.				

PRODUCT: Tri-Art Orange Scented Thinner**Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION**

Eye/Type.....	Do not wear contact lenses when using this product. Wear safety goggles to prevent liquid or vapours contacting the eyes.
Gloves/Type.....	Butyl rubber.
Engineering Controls.....	Avoid breathing vapours or mists. Ensure that area is well ventilated. Do not use this product in an enclosed area. Remove all sources of ignition when working indoors with this product.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance.....	Liquid.
Color.....	Clear.
Odour.....	Citrus.
Odour Threshold (ppm).....	No data.
Vapour Density (Air = 1).....	> 1.
Vapour Pressure (mm Hg).....	7.1 kPa.
pH.....	Not applicable.
Relative Density / Specific Gravity.....	0.7956.
Melting / Freezing Point.....	< 0.
Solubility	negligible in water.
Initial Boiling Point / Boiling Range.....	175° to 205°C (347° to 401°F).
Evaporation Rate.....	0.1.
Flash Point (deg C), Method.....	47°C.
Auto Ignition Temperature (deg C).....	237.
Upper Flammable Limit (% Vol).....	7.0.
Lower Flammable Limit (% Vol).....	0.7.
Coefficient of Water/Oil Distribution.....	No data.
% Volatile By Weight.....	100.
Decomposition Temperature.....	No data.
Viscosity.....	No data.

Section 10: STABILITY AND REACTIVITY

Reactivity Conditions.....	Avoid heat and open flame. Keep away from incompatibles. Keep container tightly closed when not in use.
Stability.....	Stable under the recommended storage and handling conditions prescribed.
Hazardous Polymerization.....	Will not occur.
Hazardous Products Of Decomposition.....	None known, refer to hazardous combustion products in Section 5.
Incompatibility.....	Oxidizing agents; Acids; Bases; Reducing agents.

Section 11: TOXICOLOGICAL INFORMATION

Ingredients	LC50	LD50
ODORLESS MINERAL SPIRITS	No data	>8000 mg/kg oral rat >4000 mg/kg dermal rabbit
D-LIMONENE	No data	4400 mg/kg oral rat >5000 mg/kg dermal rabbit
Route Of Exposure.....	Skin, eyes, inhalation and ingestion.	
Effects Of Acute Exposure.....	May cause severe skin sensitization with allergic contact dermatitis symptoms such as swelling, rash and eczema. Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, vomiting and unconsciousness. May be harmful or fatal if swallowed. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.	
Effects Of Chronic Exposure.....	Chronic exposure to organic solvent vapors have been associated with various neurotoxic effects including permanent brain and/or nervous system damage, kidney, liver, blood damage and reproductive effects among women. Symptoms may include nausea, vomiting, abdominal pain, headache, impaired memory, loss of coordination, insomnia and breathing difficulties.	
Carcinogenicity Of Material.....	None of the ingredients in this product are classified as carcinogens by the IARC, ACGIH or NTP .	
Note.....	Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal .	
Toxicological Data		

Section 12: ECOLOGICAL INFORMATION

Data From Toxicity Tests.....	Data from toxicity tests are not available at this time .
Environmental.....	Do not allow to enter waters, waste water or soil.
Bioaccumulation Potential.....	No data available at this time.
Other Adverse Effects.....	No data available at this time.
Absorption Potential.....	No data available at this time.

PRODUCT: Tri-Art Orange Scented Thinner**Section 13: DISPOSAL CONSIDERATIONS**

Appropriate Disposal Methods..... Empty containers should be recycled in accordance with local municipal recycling practices. Containers that are not empty should be brought to your local waste paint recycling facility .

Appropriate Disposal Considerations..... Wherever possible unused paint should be brought to your local waste paint facility.

Properties Affect Disposal..... None anticipated.

Sewage Disposal Comments..... Wherever possible, paint should not be washed down the sewer.

Section 14: TRANSPORT INFORMATION

UN Number..... 1263.

UN Proper Name..... PAINT RELATED MATERIAL.

Transport Hazard Classification..... Class 3 when shipped in containers with a capacity >450L.

Packaging Group (If Applicable)..... III.

Environmental Hazards..... No applicable.

Guidance On Transport In Bulk..... This product is not regulated when shipped in containers less than 450L.

Guidance on transport by air (IATA)..... UN1263 - Paint Related Material - Class 3 - Packing Group III - follow IATA instructions for all shipments by air.

Guidance for transportation by ship (IMO).... UN1263 - Paint Related Material - Class 3 - Packing Group III - F-E,S-D.

Any Special Precautions..... None known.

Section 15: REGULATORY INFORMATION

WHMIS Classification..... B3,D2B.

CEPA Status..... The ingredients in this product appear on the DSL .

TSCA Inventory Status..... All ingredients are listed on the TSCA inventory.

OSHA..... This product is not considered hazardous .

SARA TITLE III

Section 302 - Extremely Hazardous Substances None.

Section 311/312 - Hazard Categories..... IMMEDIATE HEALTH, DELAYED HEALTH, FIRE HAZARD.

SARA Section 313..... This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical constituents above de minimus concentrations.

EPA Hazardous Air Pollutants (HAPS) None.

40CFR63

HS Code..... 3208.90.90.30.

California Proposition 65..... This product does not contain any chemical(s) known to the State of California to cause cancer or reproductive toxicity.

Section 16: OTHER INFORMATION

Prepared By..... HDTS Chemicals Inc. - www.hdtschemicals.com - email: service@hdtschemicals.com .

Disclaimer..... This Safety Data Sheet was prepared by Tri-Art Manufacturing and obtained from supplier information. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. Tri-Art Manufacturing Inc. disclaims all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this MSDS does not apply to use with any other product or in any other process. This Material Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of Tri-Art Manufacturing Inc.

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