

Safety Data Sheet

SDS ID: Stock Code DTMRED, DTMVEL, DTMBLU, DTMGRAY, DTMWHT,
DTMGRN, DTMPUR

Revision date: February 7, 2020

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: TALON Direct to Metal Industrial Enamel

Synonyms: None

Chemical family:

Producer: J.C. Whitlam Manufacturing Company
200 West Walnut Street
P.O. Box 380
Wadsworth, Ohio 44282-0380
www.jcwhitlam.com

Telephone: 330-334-2524 Available during normal business hours

Emergency: 330-334-2524 Available during normal business hours

Section 2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

FLAMMABLE liquid and vapor.



GHS Label elements, including precautionary statements

Hazard Statements: Flammable liquid and vapor. Suspected of causing genetic defects.
Suspected of causing cancer.

Label Precautionary Statements: Obtain special instructions before use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use personal protective equipment as required. IF exposed or concerned: Get medical advice/attention.

SDS Precautionary Statements: Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

Material information:

Name	CAS No.	Weight %
Distillates (Petroleum), Hydrotreated Light	64742-47-8	25-50
Titanium Dioxide	13463-67-7	10-25
Xylene	1330-20-7	1.0-2.5
Naphta (Petroleum),Hydrotreated Heavy	64742-48-9	0.1-1.0
Ethylbenzene	100-41-4	0.1-1.0
2-Butanone Oxime	96-29-7	0.1-1.0
Hexanoic Acid, 2-Ethyl-, Calcium Salt	136-51-6	0.1-1.0
2-Ethylhexanoic Acid Cobalt Salt	136-52-7	0.1-1.0
Ethylene Glycol Monobutyl Ether	111-76-2	0.1-1.0

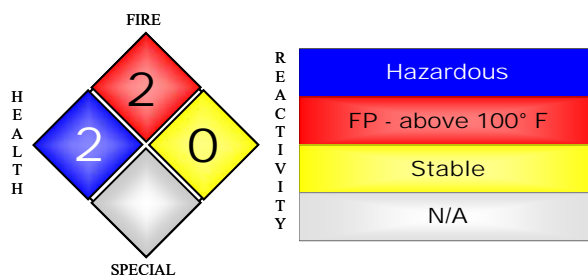
Section 4. FIRST AID MEASURES

- Inhalation:** If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.
- Skin contact:** In case of contact, wash skin immediately with soap and water. Launder clothing before reuse. Destroy contaminated leather articles.
- Ingestion:** If ingested, DO NOT induce vomiting. If conscious, drink 8-10 oz. of water promptly. Call a physician immediately.
- Eye contact:** If material gets into eyes, flush with water immediately for 15 minutes. Consult a physician.
- General advice:** Contains petroleum distillate. Harmful or fatal if swallowed. Vapor harmful. May affect the brain or central nervous system causing dizziness, headache, or nausea. Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Section 5. FIREFIGHTING MEASURES

- Suitable extinguishing media:** Dry chemical. Carbon dioxide (CO₂). Use foam or water FOG as a last resort.
- Unsuitable extinguishing media:** Do not use a solid water stream as it may scatter and spread fire.
- Specific hazards:** Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back.
- Special protective equipment for firefighters:** Use a self-contained breathing apparatus with full face piece operated in pressure demand or other positive pressure mode. Flammable. Cool fire-exposed containers using water spray.

	NFPA rating:	HMIS rating:
Health:	2	2
Flammability:	2	2
Instability/reactivity:	0	0
Other:	N/A	N/A



Section 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** No action should be taken involving any personal risk or without suitable training. Use personal protective equipment as required. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).
- Large Spill:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering sewers, drains, or waterways. Local authorities should be advised if significant spillages cannot be contained. Evacuate all non-essential personnel upwind.

Methods for Containment and Clean up	Contain spillage with non-combustible absorbent material, e.g. sand, earth, diatomaceous earth, vermiculite. Pick up the absorbed material (described just above) and transfer to properly labeled containers for disposal according to local and/or national regulations.
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Section 7. HANDLING AND STORAGE

Handling:	Flammable liquid. Avoid heat, sparks and open flames. Avoid breathing vapor and contact with eyes, skin and clothing. Hazardous residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures.
Storage:	Store in a cool dry area. KEEP OUT OF REACH OF CHILDREN. Keep container closed when not in use.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

Name	ACGIH® TLV® - TWA	OSHA PEL	ACGIH® TLV® STEL
Distillates (Petroleum), Hydrotreated Light	100 ppm	N/A	N/A
Titanium Dioxide	10 mg/m ³	15 mg/m ³	N/A
Xylene	100 ppm	100 ppm	150 ppm
Naphta (Petroleum), Hydrotreated Heavy	N/A	400 mg/m ³	N/A
Ethylbenzene	20 ppm	100 ppm, 435 mg/m ³	125 ppm
2-Butanone Oxime	N/A	N/A	N/A
Hexanoic Acid, 2-Ethyl-, Calcium Salt	N/A	N/A	N/A
2-Ethylhexanoic Acid Cobalt Salt	0.02 mg/m ³	0.1 mg/m ³	N/A
Ethylene Glycol Monobutyl Ether	20 ppm	50 ppm	N/A

Engineering measures: Use natural cross ventilation, local (mechanical) pick-up, and/or general area mechanical cross ventilation. Ventilation pattern should be designed to prevent accumulation of solvent vapors. Ventilation must be sufficient to maintain solvent vapor concentrations below the TWA limits outlined above.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: Respirator use is not expected to be necessary under normal conditions of handling. In emergency situations, use of a NIOSH-approved respirator may be required. When concentrations exceed the exposure limits specified, use of a NIOSH-approved dust, mist and fume respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a full face piece, supplied air, or Self Contained Breathing Apparatus (SCBA) may be necessary.

Skin and body protection: Chemical-resistant gloves may be required for individuals with sensitive skin.

Eye protection: Ensure that eyewash stations and safety showers are close to the workstation location. Chemical resistant goggles must be worn.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited.

Other Protective Equipment: Use Personal protective equipment as necessary. Safety shower and eyewash station should be located in immediate work area.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Thick Liquid
Physical state (solid/liquid/gas):	Liquid
Substance type (pure/mixture):	Mixture
Color:	Red/Yellow/Blue/Gray/White/Green/Purple
Odor:	Petroleum
Molecular weight:	Not Available
pH:	Not Available
Boiling point/range (5-95%):	298°-379°F (148-193°C)
Melting point/range:	Not Available
Decomposition temperature:	Not Available
Specific gravity:	Not Available
Vapor density:	Not Available
Vapor pressure:	Not Available
Evaporation rate (Butyl acetate= 1):	Slower than ether.
Flash point:	105°F (40°C)
Water solubility:	<0.1%
VOC Content:	Less than 400 g/L
Auto-ignition temperature:	Not Available
Flammable limits in air — lower (%):	Not Available
Flammable limits in air — upper (%):	Not Available

Section 10. STABILITY AND REACTIVITY

Reactivity:	No data available
Stability:	Stable under recommended storage conditions.
Possibly hazardous reactions:	No data available
Conditions to avoid:	Extremes of temperature and direct sunlight. Avoid heat, flames, sparks and other sources of ignition.
Incompatible Materials:	Strong acids and strong bases. Keep away from strong oxidizing agents, heat and open flames.
Hazardous decomposition products:	Incomplete combustion may produce carbon monoxide and other toxic gases.
Polymerization:	No data available

Section 11. TOXICOLOGICAL INFORMATION

EFFECT OF OVEREXPOSURE:

INHALATION: Inhalation may cause mild irritation to the respiratory tract (nose, mouth, mucous membranes). Inhalation of high concentrations may cause headache, nausea, and dizziness.

SKIN CONTACT: Prolonged and repeated skin contact may cause irritation and possibly dermatitis.

INGESTION: Harmful if swallowed. May cause nausea, vomiting, and diarrhea.

CHRONIC HAZARDS: reports have associated repeated and prolonged Occupational overexposure to solvents with permanent brain and nervous system damage.
 CARCINOGENICITY: IARC lists Ethylbenzene, and Titanium dioxide as possible human carcinogens (Group 2B).
 PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Inhalation, Skin Contact

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Distillates (Petroleum), Hydrotreated Light	>5000 mg/kg	>5000 mg/kg	N/A
Titanium Dioxide	>24000 mg/kg	>10000 mg/kg	N/A
Xylene	3523 mg/kg	1700 mg/kg	N/A
Naphta (Petroleum),Hydrotreated Heavy	5000 mg/kg	3160 mg/kg	N/A
Ethylbenzene	3500 mg/kg	17000 mg/kg	17.2 mg/l (rat)
2-Butanone Oxime	3680 mg/kg	920 mg/kg	N/A
Ethylene Glycol Monobutyl Ether	530 mg/kg	220 mg/kg	N/A

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity effects: No data available
Persistence
Degradability: No data available

Section 13. DISPOSAL CONSIDERATIONS

Cleanup considerations: Disposal should be in accordance with applicable local, regional, national and international laws and regulations.

Steps to be taken in case material is released or spilled: remove all sources of ignition from the Spill area. Evacuate all non-essential personnel upwind. Using non-sparking tools, soak up spilled Material / sweep up material with absorbents and place in a container for disposal.

Section 14. TRANSPORT INFORMATION

SPECIAL TRANSPORT PRECAUTIONS: No special transport precautions are necessary.

Hazmat Description & Proper Shipping Name: Paint
 ID Number: NA
 Hazard Class: 3
 Packing Group: PG III
 UN/NA Number: 1263

Section 15. REGULATORY INFORMATION

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

None Known

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

U.S. State Regulations:

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS-No.</u>
Resin	Proprietary

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS-No.</u>
Resin	Proprietary

CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

<u>Chemical Name</u>	<u>CAS-No.</u>
TITANIUM DIOXIDE	13463-67-7
ETHYLBENZENE	100-41-4
CRYSTALLINE SILICA	14808-60-7

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

International Regulations:

CANADIAN WHMIS:

This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class No Information
Revision Date:

Section 16. OTHER INFORMATION

The information and recommendations contained herein are based upon tests, data, and information resources believed to be reliable. However, the J.C. Whitlam Manufacturing Company, Inc., and its related operations or divisions (Whitlam) do not guarantee the accuracy or completeness, nor shall any of this information constitute a warranty, whether expressed or implied, as to the safety of goods, the merchantability of the goods or the fitness of the goods for a particular purpose. Adjustment to conform to actual conditions of usage may be required. Whitlam assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of this data. No warranty against infringement of any patent, copyright or trademark is made or implied.