

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: 430.0000618.076
Product Name: 618 STEEL WHEELS 6U
Product Use: Paint product.
Print date: 2005/05/11
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Company Identification

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2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS-No.	approx. Weight %	Chemical name
ALIPHATIC HYDROCARBON 64742-49-0	5 - 10	NAPHTHA, PETROLEUM, HYDROTREATED LIGHT
PROPANE 74-98-6	20 - 25	Propane
DIMETHYL KETONE 67-64-1	20 - 25	ACETONE
BUTANE 106-97-8	5 - 10	Butane
ALIPHATIC PETROLEUM DISTILLATES 64742-89-8	5 - 10	SOLVENT NAPHTHA, PETROLEUM, LIGHT ALIPH
EXEMPT MINERAL SPIRITS 8052-41-3	5 - 10	Stoddard solvent
AROMATIC NAPHTHA, LIGHT 64742-95-6	1 - 5	Petroleum naphtha, light aromatic
1,2,4-TRIMETHYLBENZENE 95-63-6	1 - 5	PSEUDO CUMENE
TOLUENE 108-88-3	1 - 5	Toluene
NICKEL FLAKE PIGMENT 7440-02-0	.1 - 1	Nickel

If this section is blank there are no hazardous components per OSHA guidelines.

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion
Skin absorption

Emergency Overview:

This section not in use.

This product contains ingredients that may contribute to the following potential acute health effects:

Inhalation Effects:

Harmful if inhaled. May affect the brain, nervous system, or respiratory system, causing dizziness, headache, nausea or respiratory irritation. Exposure to high concentrations causes irritation of the respiratory tract. Can cause unconsciousness if inhaled.

Eye Contact:

Corneal Injury/eye damage. Causes eye irritation.

Skin Contact:

Contains a component which is a known or suspected skin sensitizer.

Acute Ingestion:

Product has a low order of acute oral toxicity, but minute amounts aspirated into the lungs during ingestion may cause severe pulmonary injury or death.

Other Effects:

May cause central nervous system depression. May cause kidney damage. May cause liver damage.

This product contains ingredients that may contribute to the following potential chronic health effects:

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Contains a component which is a known or suspected skin sensitizer. Possible birth defects hazard. Contains ingredients which may cause birth defects based on animal data. Possible cancer hazard. Contains ingredients which may cause cancer based on animal data. Risk of cancer depends on duration and level of exposure. May cause liver damage. May cause kidney damage. Possible sensitization.

See Section 11 for toxicological information about Mutagens, Teratogens and Carcinogens.

If this section is blank, no information is available.

4. FIRST AID MEASURES

Inhalation:

If affected by inhalation, move victim to fresh air. If symptoms persist, seek medical attention.

Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Skin Contact:

In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. If irritation persists get

medical attention. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean contaminated shoes. Flush with large amounts of water; use soap if available.

Ingestion:

If swallowed, contact medical personnel immediately to determine best course of action.

Medical conditions aggravated by exposure: Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	-31° F (-35° C) TCC/PM
Lower explosive limit:	1 %
Upper explosive limit:	13 %
Autoignition temperature:	Not available.° F (° C)
Sensitivity to impact:	No.
Sensitivity to static discharge:	Subject to static discharge hazards. Please see bonding and grounding information in Section 7.
Hazardous combustion products:	See Section 10.

Unusual fire and explosion hazards:

None known.

Extinguishing media:

Carbon dioxide, dry chemical, foam and/or water fog.

Fire fighting procedures:

Use water spray to cool nearby containers and structures exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:

Ventilate area. Avoid breathing of vapors. Use self-containing breathing apparatus or airmask for large spills in a confined area. Wipe, scrape or soak up in an inert material and put in a container for disposal. See section 5, "Unusual Fire and Explosion Hazards", for proper container and storage procedures. Remove sources of ignition. Remove with inert absorbent and non sparking tools. Avoid contact with eyes.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Keep away from heat, sparks, and flames. Keep container closed when not in use. Do not store above 120 degrees F. (49 degrees C). Based on flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106, Ontario OH&S regulation 851 section 22. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned. If the product is used near or above the flashpoint, an ignition hazard may be present. Activities, uses, or operations which liberate vapor (such as mixing or free fall of liquids) may also present an ignition hazard. Please ensure containers and other interconnected equipment are properly bonded and grounded at all times. This coating contains aluminum pigment, store in a dry area. Aluminum may react with water, acids and caustics slowly producing gas and heat. In a sealed drum this may cause a pressure build-up over a period of time and drum should be vented before opening.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:

Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye.

Skin protection:

Appropriate chemical resistant gloves should be worn. To prevent skin contact wear protective clothing covering all exposed areas.

Respiratory protection:

If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

Ventilation

Required when spraying or applying in confined area. Ventilation equipment should be explosion proof. Eliminate ignition sources.

Exposure Guidelines**OSHA Permissible Exposure Limits (PEL's)**

Common Name CAS-No.	approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
PROPANE 74-98-6	20 - 25	1800 MGM3 1000 ppm		
DIMETHYL KETONE 67-64-1	20 - 25	2400 MGM3 1000 ppm		
EXEMPT MINERAL SPIRITS 8052-41-3	5 - 10	2900 MGM3 500 ppm		
TOLUENE 108-88-3	1 - 5	200 ppm	300 ppm	
NICKEL FLAKE PIGMENT 7440-02-0	.1 - 1	1 MGM3 Ni		

ACGIH Threshold Limit Value (TLV's)

Common Name CAS-No.	approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
PROPANE 74-98-6	20 - 25	1000 ppm			
DIMETHYL KETONE 67-64-1	20 - 25	500 ppm	750 ppm		
BUTANE 106-97-8	5 - 10	1000 ppm			
EXEMPT MINERAL SPIRITS 8052-41-3	5 - 10	100 ppm			
1,2,4-TRIMETHYLBENZENE 95-63-6	1 - 5	25 ppm			
TOLUENE 108-88-3	1 - 5	50 ppm			Can be absorbed through the skin.
NICKEL FLAKE PIGMENT 7440-02-0	.1 - 1	1.5 MGM3 Inhalable fraction.			

If this section is blank, no information is available.

9. PHYSICAL PROPERTIES

Odor: Normal for this product type.
 Physical State: Liquid
 pH: Not determined.
 Vapor pressure: NOT DETERMINED mmHG @ 68° F (20° C)
 Vapor density (air = 1.0): 4.8
 Boiling point: -42° F (-41° C)
 Solubility in water: Not determined.
 Coefficient of water/oil distribution: Not determined.
 Density (lbs per US gallon): 5.93
 Specific Gravity: not determined.
 Evaporation rate (butyl acetate = 1.0): 5.6

10. STABILITY AND REACTIVITY

Stability: Stable
 Conditions to Avoid: This product may react with water, acids, and caustics, slowly producing gas and heat.
 Incompatibility: Strong oxidizers.
 Hazardous Polymerization: None anticipated.
 Hazardous Decomposition Products: Carbon monoxide and carbon dioxide. Metal oxide fumes.

Sensitivity to static discharge: Subject to static discharge hazards. Please see bonding and grounding information in Section 7.

11. TOXICOLOGICAL INFORMATION

Mutagens:

Common Name CAS-No.	approx. Weight %	Calif- Prop. 65. Developmental Toxicity	California Prop 65 - reproductive male
TOLUENE 108-88-3	1 - 5	Listed: January 1, 1991 Developmental toxin.	

Teratogens:

Carcinogens:

Common Name CAS-No.	approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - limited human data	IARC Group 2b - sufficient animal data
NICKEL FLAKE PIGMENT 7440-02-0	.1 - 1			Monograph 49, 1990

Common Name CAS-No.	approx. Weight %	NTP Known carcinogens	NTP Suspect carcinogens	NTP Evidence of carcinogenicity

TOLUENE 108-88-3	1 - 5			MALE RAT - NO EVIDENCE; FEMALE RAT - NO EVIDENCE; MALE MICE - NO EVIDENCE; FEMALE MICE - NO EVIDENCE.
NICKEL FLAKE PIGMENT 7440-02-0	.1 - 1		Anticipated carcinogen.	

If this section is blank, no information is available.

12. ECOLOGICAL DATA

Not available at this time.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

Proper Shipping Name: AEROSOLS, FLAMMABLE

Hazard Class: 2.1

UN ID Number: UN1950

International Air Transport Association:

Proper Shipping Name: Contact Supplier for further information.

International Maritime Organization:

Proper Shipping Name: Contact Supplier for further information.

15. REGULATORY INFORMATION

Common Name CAS-No.	approx. Weight %	SARA 302	SARA 313	CERCLA RQ IN LBS.
1,2,4-TRIMETHYLBENZENE 95-63-6	1 - 5		form R reporting required for 1.0% de minimis concentration	
TOLUENE 108-88-3	1 - 5		form R reporting required for 1.0% de minimis concentration	1000
NICKEL FLAKE PIGMENT 7440-02-0	.1 - 1		form R reporting required for 0.1% de minimis concentration	100

SARA 311/312 Hazard Class:

Acute: Yes
Chronic: Yes
Flammability: Yes
Reactivity: No
Sudden Pressure: Yes

U.S. STATE REGULATIONS:

Pennsylvania Right To Know:

AROMATIC NAPHTHA, LIGHT	64742-95-6
DIMETHYL KETONE	67-64-1
EXEMPT MINERAL SPIRITS	8052-41-3
1,2,4-TRIMETHYLBENZENE	95-63-6
PROPANE	74-98-6
BUTANE	106-97-8
TOLUENE	108-88-3
ALIPHATIC HYDROCARBON	64742-49-0
ALIPHATIC PETROLEUM DISTILLATES	64742-89-8

Additional Non-Hazardous Materials

METAL PIGMENT	7439-89-6
SUPPLIER TRADE SECRET	Trade Secret

California Proposition 65:

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Rule 66 status of product Photochemically reactive.

INTERNATIONAL REGULATIONS - Chemical Inventories

TSCA Inventory: All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List: Not all components in this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health:	2
Flammability:	4
Reactivity:	1
PPE:	X - See Section 8 for Personal Protective Equipment (PPE).

Abbreviations:

OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic

Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPCCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

DISCLAIMER:

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy. This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Master Distributors Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for the product as sold, is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.