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## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION

**Product Code:** MC427K  
**Product Trade Name:** 4300 Red Oxide Primer  
**Product Class / Intended End Use:** Commercial Coating  
**Emergency Telephone Numbers:** For emergency health, safety and environmental information call 416-252-5676 (Monday to Friday 9am-4pm est/edt)

**For Emergency Transportation Information call CANUTEC at 613-996-6666**

### SECTION 2: HAZARD IDENTIFICATION

#### Classification:

	Category
Flammable Liquid	3
Specific Target Organ Toxicity – Single Exposure (Narcotic Effects)	3
Aspiration Toxicity	1
<b>Signal word:</b>	<b>DANGER!</b>

#### Hazard Statements:

- Combustible liquid
- Flammable liquid and vapour
- May cause drowsiness or dizziness
- May be fatal if swallowed and enters airways

#### Precautionary Statements:

- Keep away from heat, open flames and hot surfaces. No smoking.
- Avoid breathing mist or vapours
- Use only outdoors or in a well-ventilated area
- Wear protective gloves and eye/face protection
- Keep container tightly closed
- Ground and bond container and receiving equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge

#### Other Hazards which do not Result in Classification:

- Ingestion may cause irritation of the mouth, throat and stomach
- May cause irritation to the nose, throat and upper respiratory tract
- Contact with eyes may cause irritation
- May cause mild skin irritation
- Prolonged or repeated contact may cause drying, cracking and defatting of the skin

#### Hazard Pictograms:



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## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS #	WT RANGE %
Naphtha, petroleum, hydrotreated heavy	64742-48-9	18.37
Mineral Spirits	8052-41-3	13.73
<i>N/A = Not Available N/E = Not Established</i>		

## SECTION 4: FIRST-AID MEASURES

- Ingestion:** If swallowed: Immediately call a poison center/doctor. Do not induce vomiting. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.
- Inhalation:** Immediately remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Call a POISON CENTER or doctor/physician if you feel unwell.
- Skin Contact:** Wash off with soap and plenty of water. If irritation or symptoms develop, seek medical attention. Wash contaminated clothing before re-use.
- Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes. Obtain medical attention if irritation persists.

***Call a poison centre or doctor/physician if you feel unwell.***

### Most Important Symptoms and Effects (both acute and delayed):

- Aspiration hazard - material may cause lung inflammation or damage if it enters lungs through vomiting or swallowing.
- Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal
- May cause irritation to the nose, throat and upper respiratory tract.
- May cause headache, nausea, dizziness and other symptoms of central nervous system depression.
- Direct skin contact may cause temporary redness
- Prolonged or repeated contact may cause drying, cracking and defatting of the skin
- Direct eye contact may cause temporary redness
- Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

### Indication of any Immediate Medical Attention and Special Treatment Needed:

- This product is a CNS depressant
- Aspiration hazard

### Notes to Physician:

- Treat symptomatically

## SECTION 5: FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** Use water fog or fine spray, foams, carbon dioxide or dry chemical. Do not use a solid water stream as it may scatter and spread fire.
- Unsuitable Extinguishing Media:** Do not use a heavy water stream.
- Specific Hazards Arising from the Substance or Mixture:** Combustible liquid and vapour. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Vapour can travel considerable distance and flashback to a source of ignition. Vapours are heavier than air and collect in confined and low-lying areas.
- Hazardous Combustion Products:** Carbon dioxide and carbon monoxide. Other unidentified organic compounds.
- Special Protective Equipment and Precautions for Fire Fighters:** Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. A full-body chemical resistant suit should be worn.
- Evacuate personnel to safe areas. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. Dike for water control. Avoid release to the environment.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures:

All persons dealing with clean-up should wear the appropriate protective equipment including self-contained breathing apparatus. Keep all other personnel upwind and away from the spill/release. Restrict access to area until completion of clean-up.

### Environmental Precautions:

Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. For large spills, dike the area to prevent spreading.

### Methods and Materials for Containment and Clean Up:

Remove all sources of ignition. Ventilate the area. Prevent further leakage or spillage if safe to do so. Dike for water control. Use only non-sparking tools and equipment in the clean-up process. Spilled material will create slippery surfaces. Clean up promptly. 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). Contact the proper local authorities.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling:

- Use only in well-ventilated areas
- Wear suitable protective equipment during handling
- Do not ingest or swallow
- Avoid breathing mist or vapours
- Avoid contact with skin, eyes and clothing
- Wash thoroughly after handling
- Keep away from heat and flame
- Use only non-sparking tools with this material
- Avoid contact with incompatible materials
- Keep containers tightly closed when not in use
- Do not cut, weld, drill or grind on or near this container
- Follow labelled warnings even after container is emptied

### Conditions for Safe Storage:

- Store in a cool, dry, well-ventilated area
- Store away from incompatible materials and out of direct sunlight
- 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
- Keep container tightly closed

### Incompatibles:

Strong oxidizers (e.g. Chlorine, Peroxides, etc.).

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	ACGIH TLV (ppm)		OSHA PEL (ppm)	
	TWA	STEL	PEL	STEL
Naphtha, petroleum, hydrotreated heavy	N/A	N/A	N/A	N/A
Mineral Spirits	100	N/A	500	N/A
<i>N/A = Not Available N/E = Not Established</i>				

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<b>Control Parameters:</b>	No TLV data available on product.
<b>Appropriate Engineering Controls:</b>	Good ventilation should be provided to keep vapour and mist concentrations below the exposure limits. Use explosion-proof electrical and ventilating equipment.
<b>Respiratory Protection:</b>	Respiratory protection is required if the concentrations exceed the TLV. Use a NIOSH approved dust respirator if dust levels exceed exposure limits. Seek advice from respiratory protection specialists.
<b>Eye/Face Protection:</b>	Wear eye/face protection. Wear safety goggles or glasses as appropriate on the job.
<b>Skin Protection:</b>	Wear protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves.
<b>Other Considerations:</b>	Wear appropriate protective clothing to prevent skin contact, such as coveralls or long sleeved shirt, long pants, and shoes and socks. An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.  Avoid breathing mist or vapours. 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.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>% Volatiles by Weight:</b>	32.10
<b>Auto Ignition Temperature:</b>	Data not Available
<b>Boiling Point:</b>	316.4-383°C / 601.52-721.4 °F
<b>Decomposition Temperature:</b>	Data not Available
<b>Explosive Limit:</b>	Data not Available
<b>Flammability (solid, gas):</b>	Flammable
<b>Flash Point (Setaflash Closed Cup):</b>	43 °C / 109.4 °F
<b>Melting/Freezing Point:</b>	Not Applicable
<b>Odour Threshold:</b>	Data not Available
<b>Odour:</b>	Aromatic
<b>Partition Coefficient:</b>	Data not Available
<b>pH:</b>	Not Applicable
<b>Physical State/Appearance:</b>	Coloured Liquid
<b>Relative Evaporation Rate (Butylacetate=1)</b>	Data not Available
<b>Solubility in Water:</b>	None
<b>Specific Gravity:</b>	1.15-1.25
<b>Vapour Density:</b>	Data not Available
<b>Vapour Pressure:</b>	Data not Available
<b>Viscosity:</b>	900-1,000 cps

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity:</b>	Not normally reactive.
<b>Chemical Stability:</b>	Stable under the recommended storage and handling conditions prescribed.
<b>Possibility of Hazardous Reactions:</b>	Hazardous polymerization does not occur.
<b>Conditions to Avoid:</b>	<ul style="list-style-type: none"><li>- Keep away from excessive heat, open flames, sparks and other possible sources of Ignition</li><li>- Avoid contact with incompatible materials</li><li>- Do not use in areas without adequate ventilation</li><li>- Avoid heat, open flames, sparks, static electricity and electrical equipment.</li></ul>
<b>Incompatibles:</b>	Strong oxidizers (e.g. Chlorine, Peroxides, etc.).
<b>Hazardous Decomposition Products:</b>	None known.

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## SECTION 11: TOXICOLOGICAL INFORMATION

Name	LD 50			LC 50		
	mg/kg	Animal	Route	ppm	Animal	Route
Naphtha, petroleum, hydrotreated heavy	>6000	Rat	Oral	8500	Rat	Inhalation, 4h
Mineral Spirits	>5000	Rat	Oral	>5.5 mg/L	Rat	Inhalation, 4h
	>3000	Rabbit	Dermal	N/A	N/A	N/A

**N/A = Not Available N/E = Not Established**

<b>Acute Toxicity:</b>	See above.
<b>Likely Routes of Exposure:</b>	Inhalation, Skin & Eye, Ingestion.
<b>Symptoms/Injuries Eye Exposure:</b>	Direct eye contact may cause slight redness.
<b>Symptoms/Injuries Skin Exposure:</b>	May cause mild skin irritation on prolonged contact.
<b>Symptoms/Injuries Inhalation:</b>	May cause central nervous system effects. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects. May cause respiratory tract irritation. Symptoms may include coughing, choking and wheezing.
<b>Symptoms/Injuries ingestion:</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard if swallowed - can enter lungs and cause damage. Aspiration may cause pulmonary oedema and pneumonitis.
<b>Specific Target Organ Effects:</b>	Specific Target Organ Toxicity, Single Exposure - Category 3 May cause drowsiness and dizziness.

## SECTION 12: ECOLOGICAL INFORMATION

<b>Ectotoxicity:</b>	Toxic to aquatic life with long lasting effects. Do not allow this material to drain into sewers/water supplies.
<b>VOC (g/L):</b>	428
<b>Persistence and Degradability:</b>	Not readily biodegradable.
<b>Bio-accumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	This material has low solubility and floats, and is expected to migrate from water to the land.
<b>Other Adverse Effects:</b>	No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>Handling for Disposal:</b>	See Section 7 (Handling and Storage) for further details. Empty containers may contain hazardous residues.
<b>Methods of Disposal:</b>	Dispose in accordance with all applicable federal, state, provincial and local regulations.
<b>RCRA:</b>	If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

**DO NOT INCINERATE CLOSED CONTAINERS**

## SECTION 14: TRANSPORTATION INFORMATION

<b>UN Number:</b>	1263
<b>UN Proper Shipping Name:</b>	Paint
<b>Transport Hazard Class:</b>	3
<b>Packing Group:</b>	III
<b>Environmental Hazards:</b>	Toxic to aquatic life with long lasting effects.
<b>Special Precautions for User:</b>	Keep away from heat, sparks and open flame. No smoking.
<b>Transport in Bulk:</b>	Information not available.

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## SECTION 15: REGULATORY INFORMATION

**Canada:** All components are in compliance with the Canadian environmental protection act and are present on the domestic substances list. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

**USA:**

**TSCA:** All components of this material are on the US TSCA inventory or are exempt.

**OSHA:** This material is classified as hazardous under OSHA regulation (29CFR 1910.1200).

**CERCLA:** Reportable quantities (RQ) (40 CFR 117.302). Data not available.

**SARA TITLE 111:** Sec 302, extremely hazardous substances, 40 CFR 355 - Data not available

**SARA TITLE 111:** Sec 313, toxic chemical notification, 40 CFR 372 - Data not available

## SECTION 16: OTHER INFORMATION

<b>HMIS:</b>	Health 1	Flammability 3	Reactivity 0	
<b>NFPA:</b>	Health 1	Flammability 3	Reactive Instability 0	Special Hazard 0

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**END OF SAFETY DATA SHEET**