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SAFETY DATA SHEET

Product Code:

Product Trade Name:

Product Class / Intended End Use:

Emergency Telephone Numbers:

MC417N

3560 Fast Dry Black Semi Gloss Enamel

Commercial Coating

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: HAZARDS IDENTIFICATION

Classification:

	Category
Flammable Liquid	2
Specific Target Organ Toxicity, Single Exposure (CNS)	3
Specific Target Organ Toxicity, Single Exposure (Narcotic Effects)	3
Specific Target Organ Toxicity, Single Exposure (Kidney)	1
Specific Target Organ Toxicity, Single Exposure (Respiratory)	3
Aspiration Toxicity	1
Skin Irritation	2
Eye Damage/Irritation	2B
Carcinogen	2
Signal word:	Danger

Hazard Statements:

- Highly flammable liquid and vapour
- May be fatal if swallowed and enters airways
- May cause drowsiness and dizziness
- Causes damage to organs
- Causes damage to organs through prolonged or repeated exposure
- Causes skin irritation
- Causes eye irritation
- May be fatal if swallowed and enters airways
- Suspected of causing cancer
- Suspected of damaging unborn child

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Precautionary Statements:

- Obtain special instructions before use
- Use personal protective equipment as required
- Do not eat, drink or smoke when using this product
- Do not breathe dust/ fume/ gas/ mist/ vapours/ spray
- Wash face, hands and any exposed skin thoroughly after handling
- Use only outdoors or in a well-ventilated area
- Keep away from heat / sparks / open flames / hot surfaces. NO SMOKING
- Keep containers tightly closed
- Ground/bond container and receiving equipment
- Use explosion-proof electrical/ventilation/lighting/equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge

Other Hazards Which do no Result in Classification:

- May cause mild skin and eye irritation
- Ingestions may cause gastrointestinal irritation, nausea, vomiting and diarrhea
- May cause respiratory irritation
- Burning produces obnoxious and toxic fumes.
- Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Hazard Pictograms:



SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS #	WT %
Stoddard Solvent	8052-41-3	36.81
Naphtha, petroleum, hydrotreated light	64742-49-0	3.41
Diemethylbenzene	1330-20-7	2.03

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

SECTION 4: FIRST-AID MEASURES

- Inhalation:**
- Remove victim to fresh air and keep at rest in a position comfortable for breathing
 - If breathing has stopped, give artificial respiration
 - If breathing is difficult, give oxygen by qualified medical personnel only
- Skin Contact:**
- Take off contaminated clothing
 - Rinse skin with soap and water
 - Wash contaminated clothing before reuse.
 - If skin irritation occurs, get medical attention
- Eye Contact:**
- Immediately flush eyes with gentle flowing water for 10-15 minutes
 - Remove contact lenses if present and easy to do
 - Get medical attention.
- Ingestion:**
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 - Do not induce vomiting
 - Rinse mouth thoroughly with water
 - 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

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

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

- Breathing difficulties. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
- May cause central nervous system effects. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects.
- Aspiration hazard. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.
- Direct eye contact may cause slight or mild, transient irritation. Direct skin contact may cause slight or mild, transient irritation.
- May cause respiratory irritation.
- Causes skin irritation. Redness, swelling, itching and dryness.
- May cause coughing and breathing difficulties.
- Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
- Prolong exposure can cause central nervous system effects.
- Contains a chemical or chemicals which can cause birth defects or other reproductive harm.
- Suspected of causing cancer.

Indication of any Immediate Medical Attention and Special Treatment Needed:

- Treat symptomatically. Aspiration hazard. This product is a CNS depressant.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water fog, CO₂, extinguishing powder, foam.

Unsuitable Extinguishing Media: Do not use a solid water stream as it may scatter and spread fire.

Specific Hazards Arising from the Substance or Mixture:

- Highly flammable liquid and vapour.
- Vapours may form explosive mixtures with air.
- 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.
- Fight fires from a safe distance.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

- 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

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

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SECTION 7: HANDLING AND STORAGE

- Precautions for Safe Handling:**
- Use only outdoors or in a well-ventilated area
 - Wear suitable protective equipment
 - Avoid breathing mist or vapours
 - Do not ingest or swallow
 - Avoid contact with skin, eyes and clothing
 - Keep away from heat and open flames. - No smoking
 - Use only non-sparking tools. Use explosion-proof electrical/ventilating/lighting/equipment
 - Wash thoroughly after handling
 - Keep containers closed when not in use

- Conditions for Safe Storage:**
- Keep away from heat, sparks and open flame. - No smoking
 - Store in a cool, dry, well-ventilated area
 - Store away from incompatibles and out of direct sunlight
 - Keep cool. Keep container tightly closed
 - Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel
 - Inspect periodically for damage or leaks

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
Stoddard Solvent	100	N/A	N/A	N/A
Naphtha, petroleum, hydrotreated heavy	N/A	N/A	N/A	N/A
Diemethylbenzene	100	150	100	N/A
<i>N/A = Not Available NE = Not Established</i>				

- Appropriate Engineering Controls:**
- Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapours below their respective threshold limit value.
 - Use explosion-proof electrical/ventilating/lighting/equipment.
 - Ensure that eyewash stations and safety showers are close to the workstation location.

Personal Protective Equipment

- Respiratory Protection:**
- 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.

- Eye/Face Protection:**
- Chemical goggles must be worn to prevent dusts from entering the eyes

- Skin Protection:**
- Wear protective gloves
 - Long sleeved clothing.
 - The suitability for a specific workplace should be discussed with the producers of the protective gloves.

- Other Protective Equipment:**
- Wear appropriate protective clothing to prevent skin contact, such as coveralls or long sleeved shirt, long pants, and shoes and socks
 - Wear protective gloves
 - An eyewash station and safety shower should be made available in the immediate working area
 - Other equipment may be required depending on workplace standards.

- General Hygiene Considerations:**
- 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

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SECTION 9: PHYSICAL PROPERTIES

% Volatiles by Weight:	57.89
Autoignition Temperature	Data not Available
Boiling Point:	116-150 °C / 240.8-302 °F
Decomposition Temperature:	Data not Available
Density / Specific Gravity:	1.0433
Explosion Limit:	Data not Available
Flammability (solid, gas):	Flammable
Flash Point (Setaflash Closed Cup):	7-10 °C / 44.6-50 °F
Melting Point/Freezing Point:	Not Applicable
Odour Threshold:	Data not Available
Odour:	Aromatic
Partition Coefficient:	Data not Available
pH:	Not Applicable
Physical State/Appearance:	Black Viscous Liquid
Relative Evaporation Rate (Butylacetate=1)	Data not Available
Solubility in Water:	None
Specific Gravity:	1.06 - 1.07
Vapour Density:	Not Applicable
Vapour Pressure:	Not Applicable
Viscosity:	70,000-75,000 cps

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Not normally reactive
Chemical Stability:	Stable under normal condition of usage
Possibility of Hazardous Reactions:	Under normal storage and use, hazardous polymerization will not occur.
Conditions to Avoid:	<ul style="list-style-type: none"> - Ensure adequate ventilation, especially in confined areas. - Avoid contact with incompatible materials. - Avoid heat, sparks, open flames and other ignition sources.
Incompatibles:	Strong oxidizers (e.g. Chlorine, Peroxides, etc.).
Hazardous Decomposition Products:	None known, refer to hazardous combustion products in Section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

Name	LD 50			LC 50		
	mg/kg	Animal	Route	mg/L	Animal	Route
Stoddard Solvent	5000 >3000	Rat Rat	Oral Dermal	>5500	Rat	Inhalation, 4h
Naphtha, petroleum, hydrotreated light	>5800 >2910	Rat Rabbit	Oral Dermal	33 – 42 mg/L (vapour)	Rat	Inhalation, 4h
Diemethylbenzene	3253 12180	Rat Rabbit	Oral Dermal	27.6	Rat	Inhalation, 4h

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

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Acute Toxicity:	No test data on mixture.
Symptoms/Injuries after Inhalation:	<ul style="list-style-type: none">- May cause respiratory tract irritation. Symptoms may include coughing, choking and wheezing.- May cause central nervous system effects. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects.
Symptoms/Injuries after Skin Contact:	Causes skin irritation. Symptoms may include redness, edema, drying defatting and cracking of the skin.
Symptoms/Injuries after Eye Contact:	May cause eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.
Symptoms/Injuries after Ingestion:	<ul style="list-style-type: none">- 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.- May cause irritation to the mouth, throat and stomach. Stomach may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects.
Potential Chronic Health Effects:	<ul style="list-style-type: none">- Prolonged exposure can cause redness, swelling, itching, and cracking of the skin, dermatitis and sensitization.- Prolonged exposure can cause central nervous system effects.
Specific Target Organ Effects:	<ul style="list-style-type: none">- Eyes, skin, respiratory system, digestive system, central nervous system.- Specific Target Organ Toxicity, Single Exposure – Central Nervous System (CNS)- Specific Target Organ Toxicity, Repeated Exposure - (Kidney)- May cause respiratory irritation.- May cause drowsiness or dizziness.
Symptoms//Effects, Acute & Delayed:	<ul style="list-style-type: none">- Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Carcinogenicity:	<ul style="list-style-type: none">- Suspected of causing cancer. Contains Ethylbenzene. Ethylbenzene is classified as carcinogenic
Reproductive Effects & Teratogenicity:	<ul style="list-style-type: none">- Reproductive Toxicity – Suspected of damaging the unborn child.- Contains Toluene. Toluene may cause fetotoxic effects at doses which are not maternally toxic, based on animal data.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Toxic to aquatic life with long lasting effects. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.
VOC (g/L):	439
Persistence and Degradability:	Not readily biodegradable
Bio-accumulative Potential:	No test data
Mobility in Soil:	This material has low solubility and floats, and is expected to migrate from water to the land.
Other Adverse Effects:	None known

SECTION 13: DISPOSAL CONSIDERATIONS

Handling for Disposal:	Handle waste according to recommendations in Section 7. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Do not cut, weld, drill or grind on or near this container.
Methods of Disposal:	Dispose of in accordance with federal, provincial/state and local hazardous waste laws. Do not discharge into sewage or municipal water.
RCRA:	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.

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SECTION 14: TRANSPORTATION INFORMATION

UN Number:	1263
UN Proper Shipping Name:	Paint
Transport Hazard Class:	3
Packing Group:	II
Environmental Hazards:	Information not available.
Special Precautions for User:	Appropriate advice on safety should accompany the package. Keep away from heat, sparks and open flame. Avoid static electricity.
Transport in Bulk:	Information not available.

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

HMIS:	Health 2	Flammability 2	Physical Hazards 0
NFPA:	Health 2	Flammability 2	Instability 0

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DISCLAIMER

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END OF SAFETY DATA SHEET