



335 Horner Avenue, Toronto, Ontario M8W 1Z6
 Canada Ph (416) 251-0051 fx (416) 251-3412
 www.protekpaint.com

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Code: MC414I
Product Trade Name: 2200 NSG Semi Gloss
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 1-888-CAN-UTEC (226-8832) or 613-996-6666 or *666 from cell phone.

SECTION 2: HAZARDS IDENTIFICATION

Classification:

	Category
Flammable Liquids	3
Specific Target Organ Toxicity (Single Exposure) – Narcotic Effects	3
Specific Target Organ Toxicity (Single Exposure) – Central Nervous System (CNS)	3
Aspiration Toxicity	1
Signal word:	WARNING

Hazard Pictograms:



Hazard Statement(s):

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

Precautionary Statement(s) Prevention:

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep container tightly closed
- Ground and bond container and receiving equipment
- Use explosion-proof electrical/ventilating/lighting/equipment.
- Use non-sparking tools
- Take action to prevent static discharges
- Wear protective gloves/protective clothing/eye protection/face protection
- Avoid breathing dust/fume/mist/vapours/spray
- Use only outdoors or in a well-ventilated area

Precautionary Statement(s) Response:

- **IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water
- **In case of fire:** Use water fog or fine spray, alcohol foams, carbon dioxide and dry chemical
- **IF SWALLOWED:** Immediately call a POISON CENTRE/doctor
- **Do NOT induce vomiting**

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Other Hazards Which do not Result in Classification:

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

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS	EINECS	WT %
Naphtha (petroleum), hydrotreated heavy	64742-48-9	265-150-3	14.89
Stoddard Solvent	8052-41-3	232-489-3	13.38
<i>N/A = Not Available N/E = Not Established</i>			

SECTION 4: FIRST-AID MEASURES

- Ingestion:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. 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 affected areas with soap and water. Take off contaminated clothing and wash before re-use. Get medical attention if irritation develops and persists.
- Eye Contact:** Flush with large amounts of water for 15 minutes. Remove contact lenses, if present and easy to do. If irritation or symptoms develop, seek medical attention.

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:

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

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SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.
Unsuitable Extinguishing Media:	Do not use a heavy water stream as it may scatter and spread fire.
Specific Hazards Arising from the Substance or Mixture:	Keep product and empty container away from heat and sources of ignition. Thermal decomposition can lead to release of irritating gases and vapours.
Hazardous Combustion Products:	Carbon monoxide (CO), Carbon dioxide (CO ₂)
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.
Special Fire-Fighting 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.

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. Contact the proper local authorities.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:	Use only outdoors or in a well-ventilated area. Wear protective gloves and eye/face protection. Avoid breathing mist or vapours. Avoid contact with skin, eyes and clothing. Keep away from heat and open flames. - No smoking. Use only non-sparking tools. Keep away from incompatibles. 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.).

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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
Stoddard solvent (mineral spirits)	100	N/A	500	N/A
<i>N/A = Not Available N/E = 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 and ventilating equipment.

Personal Protective Equipment Eye/Face Protection: Use safety glasses or goggles or full face shield where required.

Skin & Body Protection: Wear protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

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.

Other Protective Equipment: 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.

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

Autoignition Temperature	Not Applicable
Boiling Point:	177-197 °C / 350.6-386.6 °F
Colour:	White
Decomposition Temperature:	Data not Available
Explosion Limit	Not Applicable
Flammability (solid, gas):	Flammable
Flash Point (Setaflash Closed Cup):	243 °C/ 109.4 °F
Freezing Point:	Not Applicable
Melting Point:	Data not Available
Odour Threshold:	Data not Available
Odour:	Aromatic
Partition Coefficient:	Data not Available
pH:	Not Applicable
Physical State:	Liquid
Relative Evaporation Rate (Butylacetate=1)	Not Applicable
Solubility in Water:	Non Soluble
Specific Gravity:	1.31
Vapour Density:	Data not Available
Vapour Pressure:	Data not Available
Viscosity:	Fluid
% Volatiles by Weight:	29.87

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Not classified as a reactivity hazard.
Chemical Stability:	Stable under normal conditions of use.
Possibility of Hazardous Reactions:	Will not occur under normal use.
Conditions to Avoid:	Avoid ignition sources – heat, sparks, open flame, direct sunlight, extremely high or low temperatures. Do not use without adequate ventilation.
Incompatibles:	Strong oxidizers (e.g. Chlorine, Peroxides, etc.).
Hazardous Decomposition Products:	None expected.

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SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD 50			LC 50		
	Name	mg/kg	Animal	Route	ppm	Animal
Naphtha (petroleum), hydrotreated heavy	>6000	Rat	Oral	8500	Rat	4hr, Inhalation
Stoddard Solvent	>5000	Rat	Oral	>5.5	Rat	4 hr, Inhalation
	>3000	Rabbit	Dermal			
<i>N/A = Not Available N/E = Not Established</i>						

Likely Routes of Exposure:	Inhalation, skin & eye contact, ingestion.
Symptoms/Injuries after Inhalation:	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.
Symptoms/Injuries after Eye Contact:	Direct eye contact may cause slight redness.
Symptoms/Injuries after Skin Contact:	May cause mild skin irritation on prolonged contact.
Symptoms/Injuries after Ingestion:	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.
Symptoms/Effects Both Acute and Delayed	Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Potential Chronic Health Effects	Prolonged exposure can cause redness, swelling, itching, cracking of the skin, dermatitis and sensitization.
STOT – Single Exposure	Central Nervous System (CNS). Narcotic Effects. May cause drowsiness and dizziness.
STOT – Repeated Exposure	None known.

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity:	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.
Persistence and Degradability:	No test data on mixture.
VOC (g/L):	391
Bio-accumulative Potential:	No test data on mixture.
Mobility in Soil:	No test data on mixture.
Other Adverse Effects:	None known.

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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.
- 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.

SECTION 14: TRANSPORTATION INFORMATION

UN Number:	1263
UN Proper Shipping Name:	Paint
Transport Hazard Class:	3
Packing Group:	III
Environmental Hazards:	Toxic to aquatic life with long lasting effects.
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 does not contain any hazardous components under OSHA regulation (29CFR 1910.1200).
CERCLA: This material does not contain any components with a section 304 EHS RQ.
SARA TITLE 111: Sec 302, No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA TITLE 111: Sec 313, This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SECTION 16: OTHER INFORMATION

HMIS:	Health 2	Flammability 1	Instability 0
NFPA:	Health 2	Flammability 1	Reactive Instability 0

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DISCLAIMER

While Protek Paint believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the information and data contained herein is not to be taken as warranty or representation for which Protek Paint assumes liability. They are offered solely for your consideration, investigation and verification. Final determination of the suitability of the material for the use contemplated, the manner of use and whether the suggested use infringes any patent is the sole responsibility of the buyer.

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END OF SAFETY DATA SHEET