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SAFETY DATA SHEET

Product Code: MC417D
Product Trade Name: 2050 Flat Alkyd Oil
Product Class / Intended End Use: Architectural Finish
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: HAZARDS IDENTIFICATION

Classification:

	Category
Flammable Liquids	3
Aspiration Hazard	1
Signal word:	Danger

Hazard Statements:

- Flammable liquid and vapour
- May be fatal if swallowed and enters airways
- May cause eye irritation
- May cause skin irritation
- May be harmful if inhaled

Precautionary Statements:

- 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
- Wear protective gloves/protective clothing/eye protection/face protection
- Store locked up

Hazard Pictograms:



SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS #	WT RANGE %
Mineral Spirits	8052-41-3	24 - 25
<i>N/A = Not Available N/E = Not Established</i>		

PROTEK – SAFETY DATA SHEET

SECTION 4: FIRST-AID MEASURES

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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:	Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

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

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

- May cause skin irritation
- May cause eye irritation
- May cause respiratory irritation

Indication of any Immediate Medical Attention and Special Treatment Needed:

- Treat symptomatically

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Water fog, CO ₂ , extinguishing powder, foam.
Unsuitable Extinguishing Media:	Do not use a heavy water stream.
Specific Hazards Arising from the Substance or Mixture:	Vapours are heavier than air and may travel along the ground to a source of ignition (pilot light, heater, electric motor) some distance away. Containers, drums (even empty) can explode when heat (welding, cutting, etc.) is applied.
Special Protective Equipment and Precautions for Fire Fighters:	Move containers from fire area if possible to do without risk. Use water spray to cool fire-exposed containers. Wear self-contained breathing (SCBA) apparatus and full firefighting protective clothing. Do not use solid water stream as it may scatter and spread the fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:	Use personal protective equipment. If flammable, remove all sources of ignition (flames, sparks, etc.). Provide adequate ventilation. If necessary, evacuate personnel to safe area.
Environmental Precautions:	Try to prevent material from entering drains or water area.
Methods and Materials for Containment and Clean Up:	Small spills should be absorbed with clay, diatomaceous earth or other suitable inert absorbent. Clean up with non-sparking tools. Store spilled material in suitable, closed containers suitable for disposal. Large spills may be pumped into appropriate closed containers for recovery or disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:	Adequate ventilation should be provided to maintain the total hydrocarbon concentration below the above mentioned occupational exposure limit. Avoid frequent or prolonged skin contact. Wear personal protection. Handle with good industrial hygiene. Wash hands before eating or drinking.
Conditions for Safe Storage:	Use in a well ventilated area. Exhaust ventilation is recommended if used indoors on a continuous basis. If exposure exceeds occupational limits (TLV value) wear appropriate NIOSH approved air purifying respirator. Odorous and toxic fumes may form from the decomposition of this product if stored at excessive temperatures for extended periods of time. Store in a cool, dry place.
Incompatibles:	Strong oxidizers.

PROTEK – SAFETY DATA SHEET

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	ACGIH TLV (ppm)		OSHA PEL (ppm)	
	TWA	STEL	PEL	STEL
Mineral Spirits	100, 8h		500, 8h	
<i>N/A = Not Available N/E = Not Established</i>				

Control Parameters: No TLV data available on product.

Appropriate Engineering Controls: Use only in well ventilated areas. Exhaust ventilation if used indoors on a continuous basis.

Personal Protective Equipment

Respiratory Protection: If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapour cartridge and dust/mist filter.

Eye Protection: Use safety glasses, goggles or full face shield where required.

Skin Protection: Use chemically impervious nitrile or neoprene gloves. Wear long sleeved protective clothing. When required, wear impervious rubber apron. The selection of personal protective equipment and clothing varies, depending upon conditions of use.

SECTION 9: PHYSICAL PROPERTIES

% Volatiles by Weight:	25 - 26
Autoignition Temperature	Data Not Available
Boiling Point:	158 °C
Decomposition Temperature:	Data Not Available
Density / Specific Gravity:	0.77
Explosion Limit	Upper: 0.7 vol% Lower: 6 vol %
Flammability (solid, gas):	Flammable
Flash Point (Setaflash Closed Cup):	43 °C
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/Appearance:	White Viscous Liquid
Relative Evaporation Rate (Butylacetate=1)	Data Not Available
Solubility in Water:	None
Specific Gravity:	1.50 – 1.60
Vapour Density:	Not Applicable
Vapour Pressure:	Not Applicable
Viscosity:	1200 – 1600 cps

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Avoid contact with incompatibles.
Chemical Stability:	Stable at normal condition of usage.
Possibility of Hazardous Reactions:	Under normal storage and use, hazardous reactions will not occur.
Conditions to Avoid:	Avoid ignition sources, heat, sparks, open flame, direct sunlight and extremely high or low temperatures.
Incompatibles:	Strong oxidizers.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

PROTEK – SAFETY DATA SHEET

SECTION 11: TOXICOLOGICAL INFORMATION

Name	LD 50			LC 50		
	mg/kg	Animal	Route	ppm	Animal	Route
Mineral Spirits	>5000 >4.0 ml/kg	Rat Rat	Oral Dermal		N/A	
<i>N/A = Not Available N/E = Not Established</i>						

Acute Toxicity: No test data on mixture.

No Test Data for the Mixture On: Skin corrosion/irritation, eye damage/irritation, skin sensitization, respiratory sensitization, germ cell mutagenicity, carcinogenicity, reproductive toxicity, STOT- single exposure, STOT- repeated exposure, aspiration.

Likely Routes of Exposure: Inhalation, eye contact, skin contact, ingestion.

Symptoms/Injuries after Inhalation: Inhalation of vapour or mist can cause drowsiness, cause damage to lungs, brain and central nervous system. Inhalation of dust from sanding may cause damage to lungs.

Symptoms/Injuries after Skin Contact: Brief skin contact may cause irritation. Prolonged or repeated skin contact may cause irritation, drying and cracking.

Symptoms/Injuries after Ingestion: Harmful if swallowed. Will cause abdominal discomfort, nausea, vomiting and diarrhea. May be harmful if swallowed and enters airways. Aspiration hazard.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:	No test data.
VOC (g/L):	383
Persistence and Degradability:	No test data.
Bio-accumulative Potential:	No test data.
Mobility in Soil:	No test data.
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.

PROTEK – SAFETY DATA SHEET

SECTION 14: TRANSPORTATION INFORMATION

UN Number:	1268
UN Proper Shipping Name:	Petroleum Distillates N.O.S.
Transport Hazard Class:	3
Packing Group:	III
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:	<p>TSCA: All components of this material are on the US TSCA inventory or are exempt.</p> <p>OSHA: This material is classified as hazardous under OSHA regulation (29CFR 1910.1200).</p> <p>CERCLA: Reportable quantities (RQ) (40 CFR 117.302). Data not available.</p> <p>SARA TITLE 111: Sec 302, extremely hazardous substances, 40 CFR 355 - Data not available</p> <p>SARA TITLE 111: Sec 313, toxic chemical notification, 40 CFR 372 - Data not available</p>

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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