MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : HI-TECH GLOSS BLACK ENAMEL
IDENTIFICATION NUMBER: : HT 1803

SUPPLIER/DISTRIBUTOR:
HI-TECH INDUSTRIES
19270 W. 8 MILE ROAD
SOUTHFIELD, MI 48075
INFORMATION: 248 358-5533
M-F 8:00 A.M. - 5:00 P.M.
FAX: 248 358-0110

EMERGENCY TELEPHONE: 800 535-5053
24 HOURS

DATE PREPARED: 05-09-2012

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture of the substances listed below with nonhazardous additions

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	ACETONE	67-64-1	25.0 %
02	TOLUENE	108-88-3	20.0 %
03	PROPANE	74-98-6	20.0 %
04	VM&P NAPHTHA	8032-32-4	10.0 %
05	N-BUTANE	106-97-8	12.0 %
06	MINERAL SPIRITS	64742-47-8	3.0 %
07	ISOPROPYL ALCOHOL	67-63-0	3.0 %

---------- EXPOSURE LIMITS ----------

ITEM	**PEL**	**REL**	**TLV**
01	2400 mg/m³ 1000 ppm	590 mg/m³ 250 ppm	Short-term: 1782 mg/m³,750 ppm Long-term: 1188 mg/m³, 500 ppm
02	Short-term value: C 300; 500* ppm Long-term value: 200 ppm *10-min peak per 8-hr shift	Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm	75 mg/m³, 20 ppm
03	1800 mg/m³ 1000 ppm	1800 mg/m³ 1000 ppm	Varies mg/m³, 1000 pp
05		1900 mg/m³, 800 ppm	Varies mg/m³, 1000 ppm
07	980 mg/m³, 400 ppm	Short-term: 1225 mg/m³, 500 ppm Long-term: 980 mg/m³, 400 ppm	Short-term: 984 mg/m³, 400 ppm Long-term: 492 mg/m³, 200 ppm

SECTION 3 - HAZARDS IDENTIFICATION

*** EMERGENCY OVERVIEW ***: Extremely flammable liquid and vapor in a pressurized container. Keep away from heat, sparks, and flame. Has narcotizing effect. Harmful if inhaled.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Prolonged inhalation may be harmful.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT SKIN ABSORPTION INHALATION INGESTION EYE CONTACT

NFPA ratings (0 - 4): Health = 1 Fire = 4 Reactivity = 3
HMIS-ratings (0 - 4): Health= 1 Fire= 4 Physical Hazard= 3

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

FIRST AID - SKIN CONTACT: Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: Get medical attention immediately. If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT -19°C (-2°F)
LOWER EXPLOSIVE LIMIT: 1.5 VOL % UPPER EXPLOSIVE LIMIT: 10.9 VOL %

Autoignition temperature: Product is not self-igniting.

Extinguishing media: CO2, sand, extinguishing powder, or water spray.

Protective equipment: No special measures required.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL SAFETY: Wear protective equipment. Keep unprotected persons away.

ENVIRONMENTAL SAFETY: Inform appropriate authorities in case of seepage into water course or sewage system. Do not allow product to reach sewage systems or ground water.

CLEAN-UP/COLLECTION: Do not flush with water or aqueous cleansing agents. Use diluted caustic solution. Soak up spills with inert absorbent material. Refer to section 13 for disposal information. Ensure adequate ventilation.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.

STORAGE: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Observe pressurized container storage regulations.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

HYGIENIC PROTECTION: Keep away from foodstuffs and animal feed. Wash hands after use.

BREATHING EQUIPMENT: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

HAND PROTECTION: Protective gloves. The glove material has to be impermeable and resistant to the substance. No glove recommendation can be given.

EYE PROTECTION: Tightly sealed goggles

See Section 2 for exposure limits.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Aerosol
APPEARANCE : Glossy Black
ODOR: Aromatic solvent

BOILING POINT: -110°C (-166°F)
FLASH POINT: -19°C (-2°F)
LOWER EXPLOSION LIMIT: 1.5 Vol %
UPPER EXPLOSION LIMIT: 10.9 Vol %
VAPOR PRESSURE: 40 PSI, 2750 hPa
DENSITY AT 20°C (68°F): 0.73 g/cm³

SPECIFIC GRAVITY: Between 0.77 and 0.85 (Water equals 1.00)

VOC CONTENT: 545.6 g/l / 4.55 lb/gl
VOC CONTENT (less exempt solvents): 60.0 %

MIR VALUE: 1.20
SOLIDS CONTENT: 18.9 %

AUTO IGNITING: Product is not self-igniting.

DANGER OF EXPLOSION: Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120 degrees Fahrenheit. In use, may form flammable/explosive vapor-air mixture.

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Do not allow the can to exceed 120 degrees Fahrenheit.
HAZARDOUS POLYMERIZATION: No dangerous reactions known.
STABILITY: Stable at normal temperatures.

SECTION 11 - TOXICOLOGICAL PROPERTIES

SKIN EFFECTS: No irritant effect.
EYE EFFECTS: Irritating effect.
SENSITIZATION: No sensitizing effects known.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: This product does not contain any chlorofluorocarbons (cfc's), hydrochlorofluorocarbons (HCFC's), chlorinated solvents, or ozone depleting substances.

AQUATIC TOXICITY: Hazardous for water; do not empty into drains.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with all federal, state, and local regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

RECOMMENDATION: Completely empty cans should be recycled.

SECTION 14 - TRANSPORTATION INFORMATION

Hazard class:	2.1
Identification number:	N/A
Label	2.1
ADR/RID/TDG class:	2 5F Gases
UN-Number:	1950
IMDG Class:	2.1
Packaging group:	II
EMS Number:	F-D,S-U
ICAO/IATA Class: 2.1	
Proper shipping name:	Aerosols, Flammable Consumer Commodity ORM-D

SECTION 15 - REGULATORY INFORMATION

Regulations SARA Section 355 (extremely hazardous substances): None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):
108-88-3 Toluene
67-63-0 isopropyl alcohol

TSCA: All ingredients are listed.

CPSC: This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:
1333-86-4 Carbon Black
100-41-4 Ethyl Benzene

California Proposition 65 chemicals known to cause developmental toxicity:
108-88-3 Toluene

Canadian Environmental Protection Act: All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

WHMIS Symbols for Canada:
A - Compressed gas D2A - Very toxic material causing other toxic effects

EPA:
A= Known human carcinogen
B= Probable human carcinogen
C= Possible human carcinogen
D= Not classifiable as to human carcinogenicity: Inadequate human and animal evidence of carcinogenicity (or no data is available).
I: Data are inadequate for an assessment of human carcinogen potential.
II: Inadequate information to assess carcinogenic potential.

67-64-1 Acetone	I
108-88-3 Toluene	II

IARC:
Group 2A: The ingredient is probably carcinogenic to humans.
Group 2B: The ingredient is possibly carcinogenic to humans. There is limited evidence of carcinogenicity.
Group 3: The ingredient is unclassifiable as to its carcinogenicity to humans.

108-88-3 Toluene	Group 3
67-63-0 isopropyl Alcohol	Group 3

ACGIH:
A1 - designates a confirmed human carcinogen.
A2 - designates a suspected human carcinogen.
A3 - designates an animal carcinogen.
A4 - designates "not classifiable as a human carcinogen".

67-64-1 Acetone	A4
108-88-3 Toluene	A4
67-63-0 Isopropyl Alcohol	A4

NIOSH: 1333-86-4 Carbon Black

RISK PHRASES: Extremely flammable. Irritating to eyes. Harmful: danger of serious damage to health by prolonged exposure through inhalation.

SAFETY PHRASES: Keep out of the reach of children. Do not breathe gas/fumes/vapor/spray. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Wear suitable protective clothing and gloves. If swallowed, seek medical advice immediately and show this container or label. Use only in well-ventilated areas.

SECTION 16 – OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

ABBREVIATIONS AND ACRONYMS:

IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
PP: Severe Marine Pollutant
P: Marine Pollutant
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
ISO: International Organization for Standardization
EPA: Environmental Protection Agency
IARC: International Agency for the Research of Cancer
NIOSH: National Institute for Occupational Safety and Health
TSCA: Toxic Substances Control Act
CPSC: Consumer Product Safety Commission