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 RTC Product #4624

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800.637.6047 OR 205.733.0333
RTC PRODUCT NO. 4624

P.001

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Material Safety Data Sheet
 acc. to ISO/DIS 11014

Printing date 01/03/2007

Reviewed on 01/03/2007

1 Identification of substance

Trade name: HI-TECH FLAT BLACK
Product code: 0000160133
Manufacturer/Supplier: SEYMOUR OF SYCAMORE
 917 Crosby Avenue
 Sycamore, IL 60178
 (815)-895-9101, www.seymourpaint.com



Information department: Health & Safety Department
Emergency information: CHEMTEL 1-800-255-3924, 813-248-0585 if located outside the U.S.

2 Composition/Data on components

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:		
67-64-1	Acetone	31.4%
108-88-3	Toluene	9.86%
106-97-8	n-butane	9.29%
1317-65-3	Calcium Carbonate	8.3%
64742-89-8	VM&P Naptha	5.09%
107-87-9	Methyl Propyl Ketone	2.29%
108-65-6	PM acetate	2.28%
110-19-0	isobutyl acetate	1.47%
2807-30-9	Glycol Ether EP	1.29%

Additional information: For the wording of the listed risk phrases refer to section 3.

3 Hazards identification

Hazard description:  Harmful
 Extremely flammable

Physical dangers: Has a narcotizing effect.
 Extremely flammable liquid and vapor in a pressurized container. Keep away from heat, sparks, and flame.
 Extremely flammable.
 Irritating to eyes.
 Possible risk of harm to the unborn child
 Keep out of the reach of children.

Effects of short-term overexposure: Vapors cause irritation to the eyes, nose, throat, skin, and central nervous system. Symptoms may include dizziness, throat irritation, headache, fatigue, swelling of eyes, and nausea.

Effects of chronic overexposure: May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misusc by deliberately inhaling the contents may be harmful or fatal.

NFPA ratings (scale 0 - 4): Health = 1
 Fire = 4
 Reactivity = 3

HMS-ratings (scale 0 - 4): Health= 1
 Fire= 4
 Physical Hazard= 3

4 First aid measures

After inhalation: If breathing is difficult, administer oxygen.
After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.
After eye contact: Move to fresh air. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing: Contact physician or poison control center.

5 Fire fighting measures

Extinguishing agents: CO2, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

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 USA

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Trade name: HI-TECH FLAT BLACK**Protective equipment:** No special measures required.

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6 Accidental release measures**Personal safety****precautions:**

Wear protective equipment. Keep unprotected persons away.

Environmental safety**precautions:**Inform appropriate authorities in case of seepage into water course or sewage system.
Do not allow product to reach sewage systems or ground water.**Measures for cleaning/
collecting:**

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.

7 Handling and storage**Fire/explosion protection:**Do not spray on a naked flame or any incandescent material.
Do not smoke. Protect from electrostatic charges.**Storage requirements:**Observe pressurized container storage regulations. Consult with your local authorities.
Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions.**8 Exposure controls and personal protection:****Components with limit values that require monitoring at the workplace:****67-64-1 Acetone**

PEL	2400 mg/m ³ , 1000 ppm
REL	590 mg/m ³ , 250 ppm
TLV	Short-term value: 1782 mg/m ³ , 750 ppm Long-term value: 1188 mg/m ³ , 500 ppm
BEI	

108-88-3 Toluene

PEL	Short-term value: C 300; 500* ppm Long-term value: 200 ppm *10-min peak per 8-hr shift
REL	Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm
TLV	(188) NIC-75 mg/m ³ , (50) NIC-20 ppm (Skin); (BEI)

106-97-8 n-butane

REL	1900 mg/m ³ , 800 ppm
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107-87-9 Methyl Propyl Ketone

PEL	700 mg/m ³ , 200 ppm
TLV	Short-term value: (881) NIC-529 mg/m ³ , (250) ppm Long-term value: (705) mg/m ³ , (200) ppm NIC-150

108-65-6 PM acetate

WEEL	50 ppm
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110-19-0 isobutyl acetate

PEL	700 mg/m ³ , 150 ppm
REL	700 mg/m ³ , 150 ppm
TLV	713 mg/m ³ , 150 ppm

**Protective hygienic
measures:**

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

Breathing equipment:

Use suitable respiratory protective device in case of insufficient ventilation.

Protection of hands:

A respirator is generally not necessary when using this product outdoors or in large open areas. In cases of inadequate ventilation, a respiratory protective device should be worn to prevent overexposure.

Eye protection:Protective gloves. The glove material has to be impermeable and resistant to the substance. No glove recommendation can be given.
Tightly sealed gogglesUSA
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Trade name: HI-TECH FLAT BLACK

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9 Physical and chemical properties:

General Information:

Form:	Aerosol
Color:	According to trade name description in section 1.
Odor:	Solvent
Boiling point/Boiling range:	-44°C (-47°F)
Flash point:	-19°C (-2°F)
Ignition temperature:	365.0°C (689°F)
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 vapour-air mixture.
Lower Explosion Limit:	1.7 Vol %
Upper Explosion Limit:	10.9 Vol %
Vapor Pressure:	40 PSI, 2750 hPa
Density:	Not determined.
Specific Gravity:	Between 0.77 and 0.85 (Water equals 1.00)
VOC content:	485.0 g/l / 4.05 lb/gl
VOC in weight percent (less acetone):	48.5 %
Solids content:	18.7 %

10 Stability and reactivity:

Conditions to be avoided: Do not allow the can to exceed 120 degrees Fahrenheit. Stable at normal temperatures.
Possibility of Hazardous Reactions: No dangerous reactions known.

11 Toxicological information:

Primary effect on the skin: No irritant effect.
Primary effect on the eye: Irritating effect.
Sensitization: No sensitizing effects known.

12 Ecological information

Other information: This product does not contain any chlorofluorocarbons (CFC's), chlorinated solvents, lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyl (PBB), or polybrominated diphenyl ether (PBDE). No specific ecological data is available for this product.

13 Disposal considerations

DISPOSAL METHOD: Dispose of in accordance with local, state, and federal 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: Empty cans should be recycled.

14 Transport information:

Hazard class:	2.1
Identification number:	N/A
Label:	2.1
ADR/RID class:	2 5F Gases
UN-Number:	1950
IMDG Class:	2
Packaging group:	II
EMS Number:	F-D,S-C
Marine pollutant:	No
ICAO/IATA Class:	2.1
Proper shipping name:	Aerosols, Flammable Consumer Commodity ORM-D

USA

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Trade name: HI-TECH FLAT BLACK

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15 Regulations

SARA Section 355 (extremely hazardous substances):

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

TSCA (Toxic Substances
Control Act): All ingredients are listed.

PROPOSITION 65 Chemicals known to cause cancer:

1333-86-4 | Carbon black

100-41-4 | ethyl benzene

PROPOSITION 65
Chemicals known to cause
developmental toxicity:
Canadian WHMIS:
EPA:

108-88-3 Toluene

Class A, B5--Flammable Aerosols

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).

110-19-0 | isobutyl acetate

D

IARC:

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.

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.

ACGIH TLVs:

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".

110-19-0 | isobutyl acetate

A4

NIOSH:

1333-86-4 | Carbon black

USDA (United States
Department of
Agriculture):

This product was manufactured to conform to the USDA Food Safety and Inspection Service performance standards. These standards include, but are not limited to, the ability of this product to be safe for use in official meat and poultry establishments, and to perform well under a daily regimen of thorough cleaning, cyclical temperature change, and wet conditions.

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.

Contact:

Regulatory Affairs

USA