



MATERIAL SAFETY DATA SHEET

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"Green Fin" Primer
Part No. B6277CT Aerosol
Revision 2 ~ June 6, 2005

EMERGENCY OVERVIEW

CONTENTS **EXTREMELY FLAMMABLE** AND **UNDER PRESSURE**. STORE BELOW 120°F, OUT OF SUNLIGHT, AND AWAY FROM HEAT SOURCES. DO NOT PUNCTURE OR INCINERATE. AVOID CONTACT WITH SKIN AND EYES. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER: Bronz-Glow Technologies, Inc.
175 Bronz-Glow Way, St. Augustine, FL 32095 USA

INFORMATION: 904-825-0175
24hr EMERGENCY: 800-424-9300 Chemtrec USA
703-527-3887 Chemtrec International

PRODUCT IDENTIFIER: B6277CT
PRODUCT DESCRIPTION: Husky® "Green Fin" Primer
PRODUCT USE: For increased coating adhesion

PRODUCT TYPE: Aerosol
CAS NUMBER: Mixture
EMAIL: msds@chem-pak.com
WEBSITE: http://www.chem-pak.com

REVISION NUMBER: 2
REVISION DATE: June 6, 2005
PRINT DATE: June 6, 2005
PREPARED BY: Safety & Environmental Manager

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	OSHA PEL	NIOSH REL	ACGIH PEL	IDLH	% WT
Oxibismethane	000115-10-6	N/E	N/E	N/E	N/E	30-40
Toluene	000108-88-3	200 ppm	100 ppm	50 ppm	500 ppm	20-30
Methyl Ethyl Ketone	000078-93-3	200 ppm	200 ppm	200 ppm	3000 ppm	10-20
Acetone	000067-64-1	1000 ppm	250 ppm	500 ppm	2500 ppm	< 10
Liquefied Petroleum Gas	068476-85-7	1000 ppm	1000 ppm	1000 ppm	2000 ppm	< 10
Xylene	001330-20-7	100 ppm	100 ppm	100 ppm	900 ppm	< 10
Cyclohexanone	000108-94-1	50 ppm	25 ppm	25 ppm	700 ppm	< 10

See Section 11 for LD50 and LC50 Species/Route Information.

See Section 15 for Symbol Letters and R Phases.

SECTION 3 HAZARD IDENTIFICATION

ROUTES OF ENTRY:

Skin Contact	<input checked="" type="checkbox"/>	Skin Absorption	<input checked="" type="checkbox"/>	Eye Contact	<input checked="" type="checkbox"/>	Inhalation	<input checked="" type="checkbox"/>	Ingestion	<input type="checkbox"/>
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EFFECTS OF ACUTE EXPOSURE

EYE: Liquid contact may cause pain along with moderate eye irritation.

SKIN: Prolonged or repeated exposure may cause skin irritation. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin.

INGESTION: Due to being an aerosol, the product does not lend itself to ingestion. Should ingestion occur, it may cause irritation to membranes of the mouth, throat, and gastrointestinal tract resulting in vomiting and/or cramps. Aspiration of vomit into the lungs may cause inflammation, and possible chemical pneumonitis, bronchopneumonia, or pulmonary edema.

INHALATION: Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion or death. Irritation of the mucous membranes, coughing, and dyspnoea are also possible.

OTHER HEALTH HAZARD DATA

EFFECTS OF CHRONIC EXPOSURE: Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome"). Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.



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Toluene: Reports of chronic poisoning describe anemia, decreased blood cell count and bone marrow hypoplasia. Liver and kidney damage may occur. Exposure may affect a developing fetus.

MEDICAL CONDITIONS AGGRAVATED: May aggravate personnel with pre-existing disorders associated with any of the Target Organs.

PRIMARY HAZARDS: Sensory Irritation (methyl ethyl ketone, xylene, acetone, n-butyl acetate, isopropyl alcohol), Narcosis (toluene), System Toxicity (butyl cellosolve)

CARCINOGEN DATA: Ethyl Benzene (a component of Xylene) is listed with IARC as Class 2B (possible human carcinogen) and with ACGIH as A3 (confirmed animal carcinogen with unknown relevance to humans). Ethyl Benzene is also listed with the State of California as a carcinogen.

None of the other ingredients are considered carcinogenic by OSHA, IARC, NTP, NIOSH or ACGIH.

CALIFORNIA PROP-65 WARNING: This product contains substances known to the State of California to cause cancer, birth defects, and/or other reproductive harm.

TARGET ORGANS: Eyes, skin, respiratory system, central nervous system, reproductive system, liver, kidneys

OSHA HAZARD CLASSIFICATIONS

HEALTH HAZARD CLASSIFICATION		PHYSICAL HAZARD CLASSIFICATION							
Irritant	<input checked="" type="checkbox"/>	Sensitizer	<input type="checkbox"/>	Combustible	<input type="checkbox"/>	Explosive	<input type="checkbox"/>	Pyrophoric	<input type="checkbox"/>
Toxic	<input checked="" type="checkbox"/>	Highly Toxic	<input type="checkbox"/>	Flammable	<input checked="" type="checkbox"/>	Oxidizer	<input type="checkbox"/>	Water Reactive	<input type="checkbox"/>
Corrosive	<input type="checkbox"/>	Carcinogenic	<input type="checkbox"/>	Compressed Gas	<input checked="" type="checkbox"/>	Organic Peroxide	<input type="checkbox"/>	Unstable	<input type="checkbox"/>

SECTION 4 FIRST AID MEASURES

INGESTION: Do not induce vomiting! Immediately have the victim drink plenty of water. Do not give milk or digestible oils. Keep airways free. Contact a physician. Never give anything by mouth if victim is rapidly losing consciousness, unconscious, or convulsing.

SKIN: Remove with soap and water. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.

EYE: Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Consult a physician.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.

NOTES TO PHYSICIAN: N/Av

SECTION 5 FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY: Heat, sparks, flame, red hot metal

SUITABLE MEANS OF EXTINCTION: Water, CO2, dry chemical, or universal aqueous film forming foam.

UNSUITABLE EXTINGUISHING MEDIA: N/Av

FLASH POINT AND METHOD OF DETERMINATION: Propellant < 0 F, Tagged Closed Cup

FLAMMABLE LIMITS: Lower (LEL): 3.4% @ 25 C **Upper (UEL):** 18.0% @ 25 C

AUTOIGNITION TEMPERATURE: N/Av

HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon (CO, CO2), smoke, and vapors as products of incomplete combustion.

EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT: N/Av

EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: N/Av

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool fire exposed aerosol containers, as contents can rupture violently from heat developed pressure. Firemen should wear self-contained breathing apparatus.

SPECIAL FIRE AND EXPLOSION HAZARDS: Contents extremely flammable and under pressure.

SECTION 6 ACCIDENTAL RELEASE MEASURES

CONTAINMENT PROCEDURES: Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content should be contained as any other solvent spill.

SPILL CLEANUP: Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.

SPECIAL INSTRUCTIONS: Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilate provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned. See Section 13 for disposal.

REPORTING REQUIREMENTS: Spills due to the rupture of a single aerosol can are generally below any regulatory reporting requirements. However, if larger spills somehow result, the reporting requirements of all governing agencies should be observed.



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SECTION 7 HANDLING AND STORAGE

HANDLING: Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace overcap when not in use.

STORAGE: Storage of individual cans should be done in an area below 120F, and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended. This product is classified as a Level 1 Aerosol.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES: Since this product is a mixture, an exposure value is not available. In determination of any exposure procedures, protection, or testing, use the lowest rated ingredient from Section 2.

ENGINEERING AND EXPOSURE CONTROLS: General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest PEL rated ingredient from Section 2.

RESPIRATORY PROTECTION: A NIOSH approved respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. If respirators are needed, compliance with OSHA standard 29 CFR 1910.134 is necessary within the United States.

SKIN AND HAND PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.

EYE PROTECTION: Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	N/D	MELTING/FREEZING POINT: . . .	N/D
SPECIFIC GRAVITY (H₂O=1): . . .	0.805 g/cc	COEFF. OF WATER/OIL DIST.: . . .	N/D
VAPOR PRESSURE:	Approx 70 psig	pH:	Neutral
VAPOR DENSITY:	N/D	EVAPORATION RATE:	Rapid
PHYSICAL STATE:	Liquid Under Pressure	WATER SOLUBILITY:	N/D
PERCENT VOLATILE:	90% Wt (93% Vol) Max	VOLATILITY:	5.300 lbs/gal (0.636 g/cc)
PERCENT VOC:	83% Wt (85% Vol) Max	MIR VALUE:	2.105
VISCOSITY:	N/D	ODOR THRESHOLD:	N/D
APPEARANCE:	Clear Dull Coating	ODOR:	Paint-Like

SECTION 10 STABILITY AND REACTIVITY

CONDITIONS OF INSTABILITY: . N/Av
STABILITY: Stable
HAZARD POLYMERIZATION: . . Not expected to occur
MATERIAL INCOMPATIBILITY: . Strong oxidizers, nitrates, alkalis, acids, chlorine
CONDITIONS OF REACTIVITY: . Heat, sparks, flame, red hot metal
DECOMPOSITION PRODUCTS: Oxides of carbon

SECTION 11 TOXICOLOGICAL INFORMATION

LD50 AND LC50 SPECIES/ROUTE INFORMATION:

INGREDIENT	ORAL LD50	DERMAL LD50	INHALATION LC50
Oxibismethane	N/Av	N/Av	164 mg/l /4hr, rat
Toluene	636 mg/kg, rat	>12 g/kg, rabbit	49 mg/m ³ /4hr, rat
Methyl Ethyl Ketone	> 2600 mg/kg, mouse	>8000 mg/kg, rabbit	20 mg/l /4hr, rat
Acetone	5800 mg/kg, rat	20 g/kg, rabbit	76 mg/m ³ /4hr, rat
Liquefied Petroleum Gas	N/Av	N/Av	57.42% v/v, mice
Xylene	2840 mg/kg, rat	4500 mg/kg, rabbit	6300 mg/l 4/hr, rat
Cyclohexanone	1535 mg/kg, rat	948 mg/kg, rabbit	8000 ppm /4hr, rat

IRRITANCY OF PRODUCT: Xylene is irritating to the skin. Acetone and Methyl Ethyl Ketone are irritating to the eyes.

SENSITIZATION TO PRODUCT: N/Av

REPRODUCTIVE TOXICITY: . . . Toluene is listed as a reproductive toxicant.



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TERATOGENICITY: N/Av
MUTAGENICITY: N/Av
SYNERGISTIC PRODUCTS: ... N/Av

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY:

INGREDIENT	FISH LC50	DAPHNIA EC50	ALGAL IC50	BACTERIAL EC50
Oxibismethane	N/Av	N/Av	N/Av	N/Av
Toluene	13 mg/l /96 hr	11 mg/l /48 hr	12 mg/l /72 hr	20 mg/l /30 min
Methyl Ethyl Ketone	3220 mg/l /96 hr	5061 mg/l /48 hr	>4300 mg/l /7 day	1150 mg/l /16 hr
Acetone	8300 mg/l /96 hr	12600 mg/l /48 hr	7500 mg/l /8 day	530 mg/l /8 day
Liquefied Petroleum Gas	N/Av	N/Av	N/Av	N/Av
Xylene	14 mg/l /96 hr	165 mg/l /24 hr	N/Av	N/Av
Cyclohexanone	536 mg/l /48 hr	800 mg/l /24 hr	N/Av	N/Av

MOBILITY: N/Av
PERSISTANCE: N/Av
DEGRADIBILITY: N/Av
BIOACCUMULATION: N/Av
OTHER ECOLOGIC DATA: Do not allow to enter waters, waste water, or soil.
EFFECT ON OZONE LAYER: .. This product does not contain any ozone depleting ingredients.

SECTION 13 DISPOSAL CONSIDERATIONS

Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

In the United States, an aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.

SECTION 14 TRANSPORTATION INFORMATION

DOT SHIPPING INFORMATION (United States)

PROPER SHIPPING NAME: . Consumer Commodity
HAZARD CLASS: ORM-D
PACKAGING GROUP: None
UN or ID NUMBER: None

ICAO/IATA SHIPPING INFORMATION (International Air)

PROPER SHIPPING NAME: Consumer Commodity
HAZARD CLASS: 9
PACKAGING GROUP: None
UN or ID NUMBER: ID8000

TDG SHIPPING INFORMATION (Canada)

PROPER SHIPPING NAME: . Aerosols, Flammable Ltd Qty
HAZARD CLASS: 2
PACKAGING GROUP: -
UN or ID NUMBER: UN1950

ADR SHIPPING INFORMATION (European Union)

PROPER SHIPPING NAME: Aerosols, Limited Quantity
ADR CLASS: 2
PACKAGING GROUP: -
UN or ID NUMBER: UN1950
CLASSIFICATION CODE: . LQ1

IMDG SHIPPING INFORMATION (International Ocean)

PROPER SHIPPING NAME: . Aerosols, Limited Quantity
CLASS: 2
PACKAGING GROUP: -
SUBSIDIARY RISK(S): -
UN or ID NUMBER: UN1950
PACKING INSTRUCTIONS: . P003
EmS NO.: F-D, S-U
STOWAGE: Category A
MFAG NO.: 620

NMFC DESCRIPTION (United States)

ITEM DESCRIPTION: Paint Related Material
ITEM NO.: 149980 Sub 3
CLASS: 55

NORTH AMERICAN EMERGENCY RESPONSE GUIDE

ID NUMBER: 8000
GUIDE NUMBER: 171



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SECTION 15 REGULATORY INFORMATION

UNITED STATES - FEDERAL:

INGREDIENT	CAS NO	TSCA	RCRA	CERCLA	SARA 313	CAA	CWA
Oxibismethane	115-10-6	T	—	—	—	—	—
Toluene	108-88-3	T	U220	1000#	24.4 %	XOV	1000#
Methyl Ethyl Ketone	78-93-3	T	U159	5000#	15.6 %	XOV	—
Acetone	67-64-1	T	U002	5000#	—	—	—
Liquefied Petroleum Gas	68476-85-7	T	—	—	—	—	—
Xylene	1330-20-7	T	U239	100#	4.3 %	XOV	100#
Cyclohexanone	108-94-1	T	U057	5000#	—	—	—

UNITED STATES - STATES:

INGREDIENT	CA	DE	FL	MA	PA	MN	NJ	NY	WA
Oxibismethane	—	—	T	5,6	—	I	T	—	—
Toluene	D	—	T	2,4,5,6 F7 F8 F9	E	ANO	T	T	T
Methyl Ethyl Ketone	—	T	T	2,4,5,6 F8 F9	E	ANO	T	T	T
Acetone	—	T	T	2,4,5,6 F8 F9	E	ANO	—	T	T
Liquefied Petroleum Gas	—	—	—	—	—	—	—	—	—
Xylene	C*	—	T	2,4 F8 F9	E	ANO	T	T	T
Cyclohexanone	—	T	T	2,4,6 F8	E	ANO	—	T	T

* Xylene is not listed on the California Prop 65 list. However, Ethyl Benzene (a component of Xylene) was listed in July of 2004.

CANADA:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

All of the components in this product are listed on the Domestic Substances List (DSL).

WHMIS Classification: A, B5, D2A, D2B

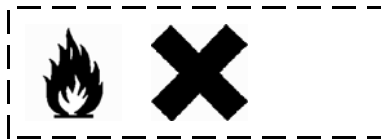
EUROPEAN UNION:

INGREDIENT	EINECS	SYMBOL	RISK PHRASES	SAFETY PHRASES
Oxibismethane	204-065-8	F+	12	2-9-16-33
Toluene	203-625-9	F, Xn	11	16-25-29-33
Methyl Ethyl Ketone	201-159-0	F, Xi	11-36-66-67	2-9-16
Acetone	200-662-2	F, Xi	11-36-66-67	9-16-26
Liquefied Petroleum Gas	270-704-2	F+	12	9-16-33
Xylene	215-535-7	F, Xn	10-20/21-38	25
Cyclohexanone	203-631-1	Xn	10-20	25

SECTION 16 OTHER INFORMATION



Canadian Hazard Symbols



European Hazard Symbols

HMIS and NFPA RATINGS:

	HEALTH	FLAMMABILITY	REACTIVITY	SPECIAL
HMIS RATING	2	4	0	B
NFPA RATING	2	4	0	-



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R and S PHASES (European Union):

CODE	RISK or SAFETY PHRASE
R12	<i>Extremely Flammable</i>
R20/21	<i>Harmful by inhalation and in contact with skin</i>
R36/38	<i>Irritating to eyes and skin</i>
R66	<i>Repeated exposure may cause skin dryness or cracking</i>
R67	<i>Vapours may cause drowsiness and dizziness</i>
S2	<i>Keep out of the reach of children</i>
S9	<i>Keep container in a well-ventilated place</i>
S16	<i>Keep away from sources of ignition – No smoking</i>
S25	<i>Avoid contact with eyes</i>
S26	<i>In case of contact with eyes, rinse immediately with plenty of water and seek medical advice</i>
S29	<i>Do not empty into drains</i>
S33	<i>Take precautionary measures against static discharge</i>

DISCLAIMER OF LIABILITY:

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REVISIONS:

Revision 1 - 03/15/2005 Original
Revision 2 - 06/06/2005 Updated Emergency Contact Info