



On Track Chip Guardian (CLEAR) (ONT.A-6060)

Safety Data Sheet ONT.A-6060

Date of issue: 06/09/2015 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name : A-6060 Chip Guardian Clear
Chemical Family : Acrylic Based Coating
Recommended Product Uses : Coating

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Supplier

MCGEHEE & MCGEHEE ENTERPRISES INC
120 SOUTH BOGGESS AVENUE
- USA
T (270) 338-4600 - F (270) 338-4602

1.4. Emergency telephone number

Emergency number : 1-800-424-9300 (CHEMTREC)

SECTION 2: Hazards identification



2.1 Hazard Classification

Danger.

2.2 Signal Word

Danger.

2.3 Hazard Statements

H223 Flammable Aerosol
H229 Pressurized Container: May Burst if Heated.
H301+H331 Toxic if Swallowed or Inhaled.
H315 Causes Skin Irritation.
H320 Causes Eye Irritation.

2.4 Precautionary Statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.

On Track Chip Guardian (CLEAR) (ONT.A-6060)

Safety Data Sheet ONT.A-6060

2.5 Other Hazards

No additional information available.

SECTION 3: Composition/Information on ingredients

Hazardous Ingredients	CAS #	WT. %
Acetone	67-64-1	10-30
Tert-Butyl Acetate (TBAC)	540-88-5	10-30
Propylene Glycol Methyl Ether Acetate	108-65-6	1-5
n-Butyl Acetate	123-86-4	1-5
Diacetone Alcohol	123-42-2	1-5
Ethylbenzene	100-41-4	0.1-1.0
Isobutane	75-28-5	5-10
Propane	74-98-6	10-30
Xylene	1330-20-7	1-5

SECTION 4: First aid measures

Emergency First and Procedure:

In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention. For skin, wash thoroughly with soap and water. If affected by inhalation of vapor or spray mist, remove to fresh air. If swallowed; do not induce vomiting, get medical attention.

SECTION 5: Firefighting measures

5.1 Flammability

Extremely flammable.

IF YES, UNDER WHICH CONDITIONS? ... Excessive heat, sparks and open flame.

5.2 Special Procedures

Water from fogging nozzles may be used to cool closed containers to prevent build-up if exposed to extreme temperatures. Full protective equipment including self contained breathing apparatus should be worn in a fire involving this material.

5.3 Explosion Data

Sensitivity to Static Discharge:

Not applicable.

Sensitivity to Impact:

Not applicable.

5.4 Extinguishing Media

Water, Carbon Dioxide, Dry Chemical, Foam.

5.5 Hazardous Combustion Products

Hydrocarbon fumes and smoke. Carbon Monoxide where combustion is incomplete.

On Track Chip Guardian (CLEAR) (ONT.A-6060)

Safety Data Sheet ONT.A-6060

5.6 Aerosol Flame Projection Classified As

<100 cm.

5.7 Flashback

YES.

SECTION 6: Accidental release measures

6.1 Leak/Spill

Remove all sources of ignition. Use an inert absorbent material, and non-sparking tools. Ventilate area. Prevent from entering a watercourse.

SECTION 7: Handling and storage

7.1 Storage Needs

Keep away from heat, sparks, and open flames.

7.2 Engineering Controls

Ventilation - Local (Mechanical if used indoors on a continuous basis).

7.3 Handling Procedures and Equipment

Store in a cool, well ventilated area not to exceed 50 °C.

7.4 Synergistic Materials

None Known.

SECTION 8: Exposure controls/personal protection

Ingredients	ACGIH TLV TWA
Acetone	750 ppm
Tert-Butyl Acetate (TBAC)	N/A
Propylene Glycol Methyl Ether Acetate	N/E
n-Butyl Acetate	150 ppm
Diacetone Alcohol	50 ppm
Ethylbenzene	100 ppm
Isobutane	1000 ppm
Propane	1000 ppm
Xylene	100 ppm

Gloves/Type:

Wear chemical resistant gloves.

Respiratory/Type:

If used indoors on a continuous basis, use of a cartridge type respirator (NIOSH/MSHATC 23C or equivalent) is recommended.

Eye/Type:

Safety Glasses.

On Track Chip Guardian (CLEAR) (ONT.A-6060)

Safety Data Sheet ONT.A-6060

Footwear/Type:

Not normally required.

Other/Type:

Not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Aerosol
Appearance	:	Clear Liquid
Odor	:	Ketone
Odor Threshold	:	No data available
pH	:	Not Applicable.
Freezing Point	:	No data available
Boiling Point (°C) (CONC)	:	57-168.
Flash Point (C), Tag Closed Cup	:	Lowest known value is acetone @ -18C
Evaporation Rate	:	Greater than 1
n-Butyl Acetate = 1		
Upper Flammable Limit (% by volume)	:	13.1
Lower Flammable Limit (% by volume)	:	1.1
Vapor Pressure (PSIG) - Aerosol @ 20 C	:	65-75
Vapor Density (Air = 1) (by weight)	:	Greater than 1
Specific Gravity (Aerosol)	:	0.73-0.77
Specific Gravity (Liquid)	:	0.85-0.89
Solubility in Water g/L (20°C)	:	No data available
Coefficient of Water/Oil Dist	:	No data available
Auto Ignition Temperature (°C)	:	354-603
Aerosol Percent Volatile (by weight)	:	89-90

On Track Chip Guardian (CLEAR) (ONT.A-6060)

Safety Data Sheet ONT.A-6060

SECTION 10: Stability and reactivity

10.1 Hazardous Products of Decomposition

Hydrocarbon fumes and smoke. Carbon monoxide where combustion is incomplete.

10.2 Chemical Stability

Yes: Under Normal Conditions.

No, which conditions?: Not applicable.

10.3 Compatibility with Other Substances

No, which ones?: Strong oxidizing agents.

Reactivity conditions?: Not applicable.

Hazardous Polymerization: Will not occur.

SECTION 11: Toxicological information

Ingredients	LC50	LD50
Acetone	>16,000 ppm (4hr) INHAL - RAT	>9750 mg/kg ORAL - RAT
Tert-Butyl Acetate (TBAC)	Not available.	Not available.
Propylene Glycol Methyl Ether Acetate	>4345 ppm (6hr) INHAL - RAT	8500 mg/kg ORAL - RAT
n-Butyl Acetate	2000 ppm (4hr) INHAL - RAT	13100 mg/kg ORAL - RAT
Diacetone Alcohol	Not established	4000 mg/kg ORAL - RAT
Ethylbenzene	Not available	5460 mg/kg ORAL - RAT
Isobutane	142,500 ppm (4h) INHAL - RAT	Not applicable
Propane	Not available	>5000 mg/kg DERMAL - RABBITS
Xylene	6350 ppm (4hr) INHAL - RAT	4.3 g/kg ORAL - RAT

Route of Entry:

Inhalation:

Inhalation of solvents may cause irritation. Propellant is a simple asphyxiant.

Ingestion:

May cause headache, nausea, vomiting and weakness.

Eye Contact:

May cause irritation.

Skin Contact:

May cause irritation.

Skin Absorption:

No data available for this product mixture.

Effects of Acute Exposure:

On Track Chip Guardian (CLEAR) (ONT.A-6060)

Safety Data Sheet ONT.A-6060

Dizziness, Nausea. Irritation to skin and eyes.

Effects of Chronic Exposure:

Solvents may cause defatting dermatitis.

Irritancy of Material:

Skin/Eye irritant.

Carcinogenicity/Mutagenicity:

Xylene - This product contains Ethylbenzene (Ethylbenzene is in Xylene). Ethylbenzene has been shown to cause cancer in laboratory animals. Toxicity tests carried out for chronic effects and mutagenicity have been negative. The relevance of this finding to humans is uncertain. IARC has classified Ethylbenzene as a possible human carcinogen.

Teratogenicity:

No information is available and no adverse teratogenic effects are anticipated.

Reproductive Effects:

Xylene - High exposures to xylene in some animal studies, often at levels toxic to the mother, affected embryo/fetal development. The significance of this finding to humans is not known.

Sensitizing Capability of Material:

Unknown.

SECTION 12: Ecological information

Environmental:

Not available.

SECTION 13: Disposal considerations

Waste Disposal:

Do not puncture or incinerate containers, even when empty. Dispose of in accordance with local, provincial and federal regulations.

SECTION 14: Transport information

T.D.G. Classification:

Consumer commodity (Aerosols, UN1950, Class 2.1)

D.O.T. Classification:

Consumer Commodity, ORM-D.

SECTION 15: Regulatory information

15.1 Canadian Regulations

WHMIS CLASSIFICATION:

A,B5,D2A,D2B.

CNFC SECTION 3.3.5:

LEVEL 2.

CEPA (Canadian Environmental Protection Act):

All substances in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

15.2 U.S. Regulations

HMIS Rating Health:

On Track Chip Guardian (CLEAR) (ONT.A-6060)

Safety Data Sheet ONT.A-6060

2 MODERATE HAZARD.

HMIS Rating Flammability:

4 SEVERE HAZARD.

HMIS Rating Reactivity:

0 MINIMAL HAZARD.

NFPA CODE 30B:

LEVEL 2.

SARA 313 Information:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CAS#	CHEMICAL NAME:
*1330-20-7	XYLENE
*100-41-4	ETHYL BENZENE

California Proposition 65:

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986:

-WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

CAS#	CHEMICAL NAME:
*100-41-4	ETHYL BENZENE IN XYLENE

TSCA (Toxic Substances Control Act):

All components of this product are listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

V.O.C. (M.I.R.):

Complies with CARB MIR = 1.50 for clear coating.

SECTION 16: Other information

NOTICE

THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY MCGEHEE & MCGEHEE ENTERPRISES INC. FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. MCGEHEE & MCGEHEE ENTERPRISES INC. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.

PREPARED BY:

Regulatory Affairs

PREPARATION DATE:

June 9, 2015