MATERIAL SAFETY DATA SHEET
640- 008 / 641-032 / 642-01 / 642-05

Canutec 1-613-996-6666 (24 hours)

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product identification :	640- 008 / 641-032 / 642-01 / 642-05
Product name :	Easy Shine
Chemical family :	Mixture
Supplier / Manufacturer :	Auto-Chem Inc. 33 de Lyon Repentigny, QC, Canada J5Z 4Z3 Tel : 450-654-9292 Fax : 450-654-0633 www.autochem.com
Contact :	Jean Dagenais

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS	Percentage	Exposure limits
Mineral spirits	64742-88-7	10 – 30	LD50 >6216 mg/kg, rat, oral LD50 >3108 mg/kg, rat, dermal LC50 >14.1mg/l/4 hrs, rat TWA 100 ppm (ACGIH)
Kaolin clay	66402-68-4	3 – 7	PEL TWA 10 mg/m3, OSHA TLV TWA 10 mg/m3, ACGIH
Oleic acid	112-80-1	1 – 5	LD50 25000 mg/kg, rat, oral

3. HAZARDS IDENTIFICATION

Routes of entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects :

Eye contact :	Vapours are moderately irritating to the eyes.
Skin contact :	Not a primary skin irritant after exposure of short duration.
Inhalation :	Vapours are moderately irritating to respiratory passages. In rare case, may sensitize heart muscle causing heart arrhythmia.
Ingestion :	Liquid when accidentally aspirated into lungs can cause a severe inflammation of the lungs.

Potential chronic health effects :

Eye contact :	None known.
Skin contact :	Dermatitis, may defat the skin, allergic reactions.
Inhalation :	Prolonged or repeated inhalation can cause coughing, shortness of breath, dizziness and intoxication, nausea and central nervous system depression.
Ingestion :	None known.

4. FIRST AID MEASURES

Eyes : Rinse immediately with water or saline solution 15 to 20 minutes, lifting upper and lower eyelids. Remove contact lenses. Get medical attention without delay.

Skin : In case of direct contact, rinse with running water 15 to 20 minutes. Wash thoroughly with soap and water. Remove contaminated clothing and wash with soap and water. If irritation persists, obtain medical attention.

Inhalation : Remove person to fresh air. In case of respiratory failure, give artificial respiration. In case of respiratory distress, obtain medical attention.

Ingestion : In case of ingestion, obtain medical attention immediately. Do not induce vomiting, guard against aspiration into the lungs. Never give anything by mouth to an unconscious or convulsing person. In case of respiratory or cardiac arrest, start cardio-pulmonary resuscitation and obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash point : Not determined.
Auto-ignition temperature: Not determined.
Flammability limits – air (%): LEL: UEL:
Extinguishing media : Carbon dioxide (CO2), alcohol foam, dry chemical powder or water fog, according to the nature of the fire. Dry chemical powder or water can be used to cool containers. Do not use water except as a fog.
Protective equipment : Fire fighters should wear full protective clothing, including self contained breathing equipment.
Hazardous combustion materials : Carbon oxides, nitrogen oxides, silicon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Restrict access to spill area to qualified personnel. Insure to have adequate ventilation. Do not touch spilled product. Prevent product from entering sewers or waterways. Stop leak if safe to do so.

Small spill : Dam area if necessary. Pump (if possible) and store in appropriate container. Contain and absorb product with suitable absorbing material. Store residues in closed containers identified for elimination.

Large spill : Dam area if necessary. Pump (if possible) and store in appropriate container. Contain and absorb product with suitable absorbing material. Store residues in closed containers identified for elimination.

7. HANDLING AND STORAGE

Handling : So not breathe vapours or aerosols. Avoid contact with eyes or skin by wearing appropriate equipment. Avoid contact with incompatible materials. Wash after handling the product. Wash contaminated clothing before reuse. Empty containers may contain residue. Dispose according to existing regulations.

Storage : Store in a cool and dry area, well ventilated and away from incompatible materials. Prevent from freezing.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering controls : General ventilation is recommended.

Personal protection equipment for routine handling :
Eye : Chemical safety goggles and /or full face shield to protect eyes and face, if product is handled such that it could be splashed into eyes.

Skin : In confined spaces or where the risk of skin exposure is much higher, impervious clothing should be worn.
Gloves : Impervious gloves, Viton gloves, polyvinyl alcohol gloves.
Inhalation : If exposure exceeds occupational exposure limits, use appropriate NIOSH-approved respirator. Use a NIOSH-approved chemical cartridge respirator with organic vapour cartridges or use a NIOSH-approved supplied-air respirator.

Personal protection equipment for spills :
Eye : Chemical safety goggles and /or full face shield to protect eyes.
Skin : In confined spaces or where the risk of skin exposure is much higher, impervious clothing should be worn.
Gloves : Impervious gloves, Viton gloves, polyvinyl alcohol gloves.
Inhalation : Use a NIOSH-approved chemical cartridge respirator with organic vapour cartridges or use a NIOSH-approved supplied-air respirator.

Note : These precautions are for room temperature handling. Use at elevated temperatures or aerosol spray applications may require added protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state :	Liquid, viscous.
Coulour :	White.
Odour :	Sweet.
pH @ 1% :	8.0
Relative density (g/cm3) :	0.980
Boiling point :	Not determined.
Freezing point :	Not determined.
Vapour pressure :	Not determined.
Volatiles (weight) :	Not determined.
Solubility (water) :	Not soluble.
VOC (%) :	Not determined.
Viscosity :	Not determined.

10. STABILITY AND REACTIVITY

Chemical stability : Stable.
Hazardous polymerization : None known.
Conditions to avoid : Heat, sparks, open flames and other ignition sources.
Materials to avoid : Strong oxidants, strong acids and alkalis.
Dangerous decomposition products : Carbon oxides, nitrogen oxides, silicon dioxide, formaldehyde.

11. TOXICOLOGICAL INFORMATION

Ingredient	CAS	Percentage	Exposure limits
Mineral spirits	64742-88-7	10 – 30	LD50 >6216 mg/kg, rat, oral LD50 >3108 mg/kg, rat, dermal LC50 >14.1mg/l/4 hrs, rat TWA 100 ppm (ACGIH)
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Potential acute health effects :
Eye contact : Vapours are moderately irritating to the eyes.

Skin contact : Not a primary skin irritant after exposure of short duration.
Inhalation : Vapours are moderately irritating to respiratory passages. In rare case, may sensitize heart muscle causing heart arrhythmia.
Ingestion : Liquid when accidentally aspirated into lungs can cause a severe inflammation of the lungs.

Potential chronic health effects :

Carcinogenic effects: None known.
Mutagenic effects: None known.
Teratogenic effects: None known.

12. ECOLOGICAL INFORMATION

Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams or public waterways. Block off drains and ditches. Spill areas must be cleaned and restored to original condition or to the satisfaction of authorities. Some components may be harmful to aquatic life.

13. DISPOSAL CONSIDERATIONS

Waste disposal method : Dispose according to municipal, provincial and federal regulations.
Contaminated packaging : According to municipal, provincial and federal regulations.

14. TRANSPORT INFORMATION

Not regulated for transport.

15. REGULATORY INFORMATION

WHIMS : B2 Flammable liquid
D2B Toxic material with other effects

DSL : All components of this product are either on the Domestic Substance List (DSL), the Non-Domestic Substance List (NDSL) or exempt.

TSCA : U.S. TSCA Inventory Status : All components of this product are either on the Toxic Substances Control Act Inventory List or exempt.

16. OTHER INFORMATION

Prepared by : Auto-Chem Inc. Date : Sept. 2015

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