



SAFETY DATA SHEET

CLEAR 4 CHROME HARDENER

This document is prepared to the Globally Harmonized System of Classification and Labelling of Chemicals Guidelines 29CFR 1910 (OSHA HCS)

SECTION 1. PRODUCT IDENTIFICATION

1.1 TRADE NAME (AS LABELED): APCH-2712 HARDENER
SYNONYMS: Automotive Coating
CAS#: Mixture
1.2 PRODUCT USE: Automotive finish
1.3 MANUFACTURER'S NAME: Alsa Refinish LLC
ADDRESS: 1213 E. 58th Street, Los Angeles, CA 90001
BUSINESS PHONE: 323-515-1100
EMAIL: info@alsacorp.com
WEB SITE INFORMATION: www.alsacorp.com
1.4 EMERGENCY PHONE NUMBERS: 323-515-1100 8am to 4:30pm Monday-Thursday.
DATE OF CURRENT REVISION: July 12, 2017
DATE OF LAST REVISION: New

SECTION 2. HAZARD IDENTIFICATION

2.1 Component(s) Contributing to Classification(s)

All Ingredients

Signal Word: Danger

GHS Hazard Classification(s):

<u>Hazard</u>	<u>Category</u>	<u>Symbol</u>	<u>Signal Word</u>	<u>Hazard Statement</u>
Flammable Liquid	3	Flame	Warning	H226: Flammable Liquid and Vapour
STOT SE	3 (Central Nervous System, respiratory system)	Exclamation Mark	Warning	H335: May cause respiratory irritation H336: May cause drowsiness or dizziness.
Acute Toxicity Inhalation	4	Exclamation Mark	Warning	H332: Harmful if inhaled
Acute Toxicity Dermal	4	Exclamation mark	Warning	H312: Harmful in contact with skin.
Skin Irritant	2	Exclamation Mark	Warning	H315: Causes skin irritation.
Skin Sensitization	1	Exclamation mark	Warning	H317: May cause an allergic skin reaction.
Eye irritant	2A	Exclamation mark	Warning	H319: Causes serious eye irritation.
Aspiration	1	Health Hazard	Danger	H304: May be fatal if swallowed and enters airways.

2.2 LABEL ELEMENTS

Signal Word: Danger



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Flammable Liquid



Skin Irritant



Health Hazard

MANUFACTURER'S NAME:

Alsa Refinish LLC

ADDRESS:

1213 E. 58th Street, Los Angeles, CA 90001

BUSINESS PHONE:

323-515-1100

Hazard Statement

H226: Flammable Liquid and Vapour

H335: May cause respiratory irritation

H336: May cause drowsiness or dizziness.

H332: Harmful if inhaled

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H360: May damage fertility or the unborn child.

H304: May be fatal if swallowed and enters airways.

Response Statement(s):

P363: Wash contaminated clothing before reuse.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or Doctor/Physician.

P333 + P313: IF skin irritation or rash occurs : Get medical advice/attention.

Precautionary Statement(s):

P102 : Keep out of reach of children

P210: Keep away from heat/sparks/open flame/hot surfaces – No Smoking.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P261: Avoid breathing dust/fume/gas/mist/vapors/ spray.

P271: Use only in well ventilated areas.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Storage Statement(s):

P403+P235: Store in a well-ventilated place. Keep cool

Disposal Statement(s):

P501: Dispose of contents/container in accordance with local/regional/national/international regulations

2.3 HEALTH HAZARDS OR RISKS FROM EXPOSURE:



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SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE: The most significant routes of overexposure for this product are by contact with skin or eyes and inhalation of vapors. The symptoms of overexposure are described in the following paragraphs.

ACUTE:

INHALATION: Inhalation can cause severe irritation of mucous membranes and upper respiratory tract. Symptoms may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting. High concentrations may cause lung damage. An irritant to the nose, throat, and upper respiratory tract.

INGESTION: Causes irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea.

SKIN CONTACT: Causes irritation to skin. Symptoms include redness, itching, and pain. Repeated or prolonged contact with the skin has a defatting effect and may cause dryness, cracking, and possibly dermatitis. May cause an allergic reaction.

EYE CONTACT: Causes irritation, redness, and pain.

CHRONIC:

Chronic exposure to organic solvents has been associated with various neurotoxic effects including permanent brain and nervous system damage. Symptoms include loss of memory, loss of intellectual ability and loss of coordination. Adverse reproductive effects have been reported in animals. Laboratory experiments have resulted in mutagenic effects.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with pre-existing skin, eye, impaired liver, kidney or respiratory function may be more susceptible to the effects of this substance.

TARGET ORGANS: **Acute:** Skin, Respiratory System, Eyes **Chronic:** Blood, Liver, Kidneys, reproductive organs

POTENTIAL HEALTH EFFECTS

CARCINOGENICITY: Not cancer causing.

SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients:	WT %	CAS#		
Parachlorobenzotrifluoride	<50	98-56-6		
Balance of other hazardous ingredients is less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).				

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250: 2000

SECTION 4. FIRST - AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES:

EYE CONTACT: If product enters the eyes, open eyes while under gentle running water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention medical attention if irritation develops or persists or if visual changes occur..

SKIN CONTACT: Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before re-use.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

INGESTION: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

4.2 SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

Contact with eyes may cause irritation with redness and tearing. Prolonged skin exposure may cause skin irritation and possible dermatitis.



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4.3 RECOMMENDATIONS TO PHYSICIANS:

Treat symptoms and eliminate overexposure.

SECTION 5. FIRE - FIGHTING MEASURES

5.1 FIRE EXTINGUISHING MATERIALS:

Use fire extinguishing methods below:

Water Spray: Material reacts with water to cause foam. If water is used, use mist to avoid spreading the flames.

Carbon Dioxide: Yes

Foam: Yes

Dry Chemical: Yes

Halon: Yes

Other: Any "C" Class

5.2 UNUSUAL FIRE AND EXPLOSION HAZARDS:

Flammable in presence of open flames and sparks. Vapor may travel considerable distance to source of ignition and flash back. Containers heated in a fire may swell and burst.

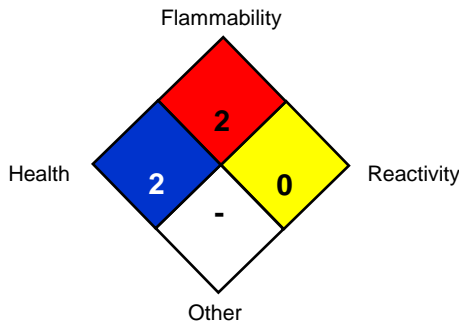
Explosion Sensitivity to Mechanical Impact: No Information Available

Explosion Sensitivity to Static Discharge: Yes

5.3 SPECIAL FIRE-FIGHTING PROCEDURES:

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM



HMS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			2
FLAMMABILITY HAZARD (RED)			2
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Use cautious judgment when cleaning up spill. Shut off leaks, if possible without personal risk. Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas

6.2 ENVIRONMENTAL PRECAUTIONS:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

6.3 SPILL AND LEAK RESPONSE:

Small spills: Contain and recover liquid if possible. Use non-sparking tools and equipment. Soak up with absorbent material such as clay, sand or other suitable non-reactive, non-combustible material. Place in leak-proof containers. Seal tightly for proper disposal.



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Large spills: Approach suspected leak areas with caution. Create a dike or trench to contain material. Contain and recover liquid if possible. Use non-sparking tools and equipment. Soak up with absorbent material such as clay, sand or other suitable non-reactive, non-combustible material. Place in leak-proof containers. Seal tightly for proper disposal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

SECTION 7. HANDLING and STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:

Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, and alkalis.

7.2 STORAGE AND HANDLING PRACTICES:

Protect against physical damage. Store in a cool, dry well-ventilated location, Outside or detached storage is acceptable. Separate from incompatibles. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

Storage Temperature (min/max): 32°F (0°C) / 110°F (43°C)

Shelf Life: 24-months at 77°F (25°C). When unopened.

7.3 SPECIFIC USES:

This product is a coating available in a variety of container sizes.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous Ingredients:	WT %	CAS#	OSHA PEL (TWA)	ACGIH
Parachlorobenzotrifluoride	<50	98-56-6	None	None
Balance of other hazardous ingredients is less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).				

8.2 EXPOSURE CONTROLS:

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Not normally required for properly ventilated areas. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Use chemical safety goggles and/or a full face shield where splashing and eye contact is possible. Maintain eye wash fountain and quick-drench facilities in work area. Contact lenses pose a special hazard; Do not wear contact lenses. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

HAND PROTECTION: Use of chemical resistant gloves is recommended to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

BODY PROTECTION: Use body protection appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or



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where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

IRRITANCY OF PRODUCT: This product may be irritating to skin, respiratory system and eyes.

SENSITIZATION TO THE PRODUCT: This product is a sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: Not a reproductive toxicant.

SECTION 9. PHYSICAL and CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE (Physical State) and COLOR: Clear liquid

ODOR: Hydrocarbon odor

ODOR THRESHOLD: Not Available

pH: Not applicable to a solvent based mixture.

MELTING/FREEZING POINT: Not Available

BOILING POINT: Not Available

FLASH POINT/ (METHOD): 43C(109F) (Closed Cup)

EVAPORATION RATE (n-BuAc=1): less than 1

FLAMMABILITY (SOLID, GAS): Not Applicable

UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS: not determined

VAPOR PRESSURE (mm Hg @ 20°C (68°F): not determined

VAPOR DENSITY: Heavier than air

RELATIVE DENSITY: 1.25 grams per milliliter of water.

SPECIFIC GRAVITY: 1.25 g/ml (water)

SOLUBILITY IN WATER: Non-Soluble

WEIGHT PER GALLON: 10.38 pounds per Gallon

PARTITION COEFFICIENT (n-octanol/water): Not Available

AUTO-IGNITION TEMPERATURE: >437°C

DECOMPOSITION TEMPERATURE: Not Available

VISCOSITY: not found

% VOLATILE: <0 not including exempt solvents

% VOLATILE INCLUDING EXEMPT SOLVENTS: <50

VOC: 0 grams per liter less exempt solvents.

9.2 OTHER INFORMATION:

No additional information available at this time.

SECTION 10. STABILITY and REACTIVITY

10.1 REACTIVITY:

Reacts with water, alcohols and amines.

10.2 STABILITY:

Stable under conditions of normal storage and use.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS:

Not found.

10.4 CONDITIONS TO AVOID:

Excess heat, ignition sources, incompatible materials.

10.5 MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:

Oxidizing agents, alkalis.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition products include carbon monoxide, carbon dioxide and other organic substances.

SECTION 11. TOXICOLOGICAL INFORMATION



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11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

TOXICITY DATA:

Hazardous Ingredients:	WT %	CAS#	LD50(RAT) Oral mg/kg	LC50(RAT) Inhalation Mg/l 4h	LD50(RABBIT) Dermal mg/kg
Parachlorobenzotrifluoride	<40	98-56-6	13000	33	>3300
Balance of other hazardous ingredients is less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					

SECTION 12. ECOLOGICAL INFORMATION

Hazardous Ingredients:	WT %	CAS#	TOXICITY TO FISH LC50 MG/L	TOXICITY TO DAPHNIA EC50 MG/L	TOXICITY TO ALGAE EC50 MG/L
Parachlorobenzotrifluoride	<40	98-56-6	3	2 (48 h)	>0.41 72 h
Balance of other hazardous ingredients is less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					

12.1 ECOTOXICITY:

Aquatic invertebrates: acute: Daphnia magna/EC50 (48h): 2 mg/l.

12.2 PERSISTENCE AND DEGRADABILITY:

When released to water, this material is expected to quickly evaporate. When released into the water, this material is expected to have a half-life of less than 1 day. This material has a log octanol-water partition coefficient of less than 3.0. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. Harmful to aquatic life with long lasting effects.

12.3 BIOACCUMULATIVE POTENTIAL:

This material is not expected to significantly bioaccumulate.

12.4 MOBILITY IN SOIL:

When released into the soil, this material may leach into groundwater. When released into the soil, this material may evaporate to a moderate extent. When released into soil, this material may biodegrade to a moderate extent.

12.5 RESULTS OF PBT AND vPvB ASSESSMENT:

No specific data available on this product.

12.6 OTHER ADVERSE EFFECTS:

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

12.7 WATER ENDANGERMENT CLASS:

Not expected to be water endangering in accordance with EU Guideline 91/155-EWG. Do not allow product to reach ground water, water course or sewage system.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS:

Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

13.2 EU WASTE CODE:

Not determined



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SECTION 14. TRANSPORTATION INFORMATION

14.1 U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows:

BULK SHIPMENTS:	FLASH POINT ABOVE 100F (BULK SHIPMENT EXEMPTION)
UN IDENTIFICATION NUMBER:	UN1263
PROPER SHIPPING NAME:	Paint Related Materials
HAZARD CLASS NUMBER and DESCRIPTION:	Class 3 Flammable
PACKING GROUP:	PGIII



DOT LABEL(S) REQUIRED:	Flammable liquid
NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER:	128
RQ QUANTITY	None

14.2 ENVIRONMENTAL HAZARDS:

MARINE POLLUTANT: The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

14.3 SPECIAL PRECAUTION FOR USER: None

14.4 INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA): This product is considered as dangerous goods.

PROPER SHIPPING NAME:	Paint Related Materials
HAZARD CLASS NUMBER and DESCRIPTION:	Class 3 Flammable
UN IDENTIFICATION NUMBER:	UN1263
PACKING GROUP:	PGIII
DOT LABEL(S) REQUIRED:	Flammable
Limited QTY – Max net Qty per package 10.0 L Packaging Instruction Y344	
Max net Qty per Package Passenger and Cargo Aircraft 60L Packaging Instruction 355	
Max net Qty per Package Cargo Aircraft 220L Packaging Instruction 366	
ERG Code 3L	

14.5 INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO): This product is considered as dangerous goods.

PROPER SHIPPING NAME:	Paint Related Materials
HAZARD CLASS NUMBER and DESCRIPTION:	Class 3 Flammable
UN IDENTIFICATION NUMBER:	UN1263
PACKING GROUP:	PGIII
DOT LABEL(S) REQUIRED:	Flammable
MARINE POLLUTANT:	Yes

14.6 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND IBC CODE:

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): This product is considered by the United Nations Economic Commission for Europe to be dangerous goods.

SECTION 15. REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

UNITED STATES REGULATIONS:

U.S. SARA REPORTING REQUIREMENTS: The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act as follows:

SARA 313 REPORTING: none.

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.



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U.S. CERCLA REPORTABLE QUANTITY (RQ): Not found.

U.S. TSCA INVENTORY STATUS: The components of this product are listed on the TSCA Inventory or are exempted from listing.

OTHER U.S. FEDERAL REGULATIONS: None known

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): No ingredients in this product are on the Prop 65 list.

15.2 CANADIAN REGULATIONS:

CANADIAN DSL/NDSL INVENTORY STATUS: All components are DSL Listed, NDSL Listed and/or are exempt from listing.

OTHER CANADIAN REGULATIONS: Not applicable.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

CANADIAN WHMIS CLASSIFICATION: CLASS B: Flammable.

15.3 EUROPEAN ECONOMIC COMMUNITY INFORMATION:

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

See Section 2 for Details.

CHEMICAL SAFETY ASSESSMENT:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

15.4 AUSTRALIAN INFORMATION FOR PRODUCT: The components of this product are listed on the International Chemical Inventory list.

15.5 JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

JAPANESE ENCS INVENTORY: The components of this product are on the ENCS Inventory as indicated in the section on International Chemical Inventories, below.

POISONOUS AND DELETERIOUS SUBSTANCES CONTROL LAW: No component of this product is a listed Specified Poisonous Substance under the Poisonous and Deleterious Substances Control Law.

15.6 INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac: Listed

Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed

Swiss Giftliste List of Toxic Substances: Listed

U.S. TSCA: Listed

EUROPEAN UNION INFORMATION:

EMERGENCY OVERVIEW:

Product Description: This product is a Clear liquid with a strong odor.

Health Hazards: Harmful if swallowed or inhaled (Aspiration hazard). Causes irritation to skin, eyes and respiratory tract.

Flammability Hazards: H226: Flammable liquid and vapour.

Reactivity Hazards: This product is not reactive with water.

Environmental Hazards: Release of the product will cause adverse effects to the aquatic environment.

Emergency Recommendations: Emergency responders must have personal protective equipment and fire protection appropriate for the situation to which they are responding.

US DOT SYMBOLS

CANADA (WHMIS) SYMBOL(S)

EUROPEAN and (GHS) Hazard Symbol(s)



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SEE SECTION 14 FOR DETAILS



Signal Word: **Danger!**

15.7 EU LABELING AND CLASSIFICATION:

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC:

EC# Proprietary This substance is not classified in the Annex I of Directive 67/548/EEC

EC# 204-658-1 Annex1 Index# 607-025-00-1

EC# 215-535-7 Annex1 Index# 601-022-00-9

EC# 265-199-0 Annex1 Index# 649-356-00-4

EC# 201-039-8 This substance is not classified in the Annex I of Directive 67/548/EEC

CAS# 9004-36-8 Not Listed in ESIS

Substances not listed either individually or in group entries must be self classified.

SECTION 16. OTHER INFORMATION

ABBREVIATIONS AND ACRONYMS:

EPA: United States Environmental Protection Agency

ARD: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

PREPARED BY: V.C. Bud Jenkins, BS, MBA, JD, CHMM, CHWP, www.coatingsscintist.com.

CERTIFIED HAZARDOUS MATERIALS MANAGER, CERTIFIED HAZARDOUS WASTE PROFESSIONAL.

DATE: July 12, 2017

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END OF SDS SHEET