

M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT NAME: Clearcoat Activator Ex-Slow
PRODUCT CODE: KEY795

HMIS CODES
Health: 3
Flammability: 2
Reactivity: 0

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER'S NAME:
Keystone Automotive Industries

ADDRESS:
700 East Bonita Ave.
Pomona, CA 91767

EMERGENCY PHONE : (800) 424 - 9300
INFORMATION PHONE : (800) 772 - 5557
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Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
5 - 20%	123-86-4	n-butyl Acetate	ACGIH TLV	150 ppm
			ACGIH STEL	200 ppm
			OSHA PEL	150 ppm
			OSHA STEL	200 ppm
5 - 20%	763-69-9	Ethyl-3-Ethoxypropionate	ACGIH TLV	N/E
			ACGIH STEL	N/E
			OSHA PEL	N/E
			OSHA STEL	N/E
1 - 5%	1119-40-0	Dimethyl Glutarate	ACGIH TLV	N/E
			ACGIH STEL	N/E
			OSHA PEL	N/E
			OSHA STEL	N/E
1 - 5%	627-93-0	Dimethyl Adipate	ACGIH TLV	N/E
			ACGIH STEL	N/E
			OSHA PEL	N/E
			OSHA STEL	N/E
1 - 5%	106-65-0	Dimethyl Succinate	ACGIH TLV	N/E
			ACGIH STEL	N/E
			OSHA PEL	N/E
			OSHA STEL	N/E
5 - 20%	110-43-0	Methyl n-Amyl Ketone	ACGIH TLV	TWA: 100ppm, 465 mg/m3
			OSHA PEL	TWA: 100 ppm, 465 mg/m3
< 1%	1330-20-7	Xylene	ACGIH TLV	150 ppm
			ACGIH STEL	150 ppm
			OSHA PEL	100 ppm
			OSHA STEL	150 ppm
< 1%	100-41-4	Ethylbenzene	ACGIH TLV	100 ppm
			ACGIH STEL	125 ppm
			OSHA PEL	100 ppm
			OSHA STEL	125 ppm
< 1%	822-06-0	1,6-Hexamethylene Diisocyanate	ACGIH TLV	TWA: 0.005 ppm; 0.034 mg/m3
			ACGIH STEL	N/E

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20 - 50%	28182-81-2	Hexamethylene Diisocyanate	OSHA PEL	TWA: 0.002 ppm; 0.14 mg/m3	!
			ACGIH TLV	N/E	1
			ACGIH STEL	N/E	1
			OSHA PEL	N/E	1
			OSHA STEL	N/E	1
1 - 5%	95-63-6	1,2,4-Trimethylbenzene			7.0
			ACGIH TLV	N/E	1
			ACGIH STEL	N/E	1
			OSHA PEL	TWA: 25 ppm	!
			OSHA STEL	N/E	!
20 - 50%	53880-05-0	Isophorone Diisocyanate Homopolymer			< .01
			ACGIH TLV	N/E	
			ACGIH STEL	N/E	
			OSHA PEL	N/E	
			OSHA STEL	N/E	
< 1%	4098-71-9	Isophorone Diisocyanate			< .01
			ACGIH TLV	TWA: 0.005 ppm, 0.045 mg/m	1
			ACGIH STEL	TWA: 0.02 ppm, 0.18 mg/m	1
			OSHA PEL	N/E	1
			OSHA STEL	TWA: 0.005 ppm, 0.045 mg/m	1

Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE:

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE:

Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

None generally recognized.

CANCER INFORMATION:

FOR COMPLETE DISCUSSION OF TOXICOLOGY DATA REFER TO SECTION 11.

Section 4 -- FIRST AID MEASURES

If INHALED:

If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN:

Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES:

Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED:

Do not induce vomiting. Get medical attention immediately.

Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT	LEL	UEL
105 F	0.9	12.1

EXTINGUISHING MEDIA:

Use National Fire Protection Association (NFPA) Class B extinguishers (carbon dioxide, dry chemical, or universal aqueous film forming foam) designed to extinguish NFPA Class IB flammable liquid fires. Water spray may be ineffective. Water spray may be used to cool closed containers to prevent pressure build-up and

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possible autoignition or explosion when exposed to extreme heat.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES:

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Provide maximum ventilation. Only personnel equipped with proper respiratory, skin, and eye protection should be permitted in the area. Remove all sources of ignition. Take up spilled material with sand, vermiculite, or other noncombustible absorbent material and place in clean, empty containers for disposal. Only the spilled material and the absorbent should be placed in this container.

Section 7 -- HANDLING RELEASE MEASURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, an heaters - Turn off stoves, electric tools and appliances, and other sources of ignition. Consult NFPA Code. Use approved bonding and grounding procedures. Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

Section 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE:

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using. This coating may contain materials classified as nuisance particulates (listed "as Dust" section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in section 2, the applicable limits for nuisance dust are ACGIII TLV 10 mg/m3 (total dust), 3 mg/m3 respirable fraction), OSHA PEL 15 mg/m3 (total dust), 5 mg/m3 (respirable fraction). Removal of old paint by sanding, scraping, or other means may generate dust or fumes that contain lead.

VENTILATION:

Local exhaust preferable. General exhaust acceptable if the exposure to materials in section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION:

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in section 2. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES:

None required for normal application of aerosol products where minimal skin contact is expected. For long repeated contact, wear chemical resistant gloves.

EYE PROTECTION:

Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS:

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	8.135 lb/gal	975 g/l
SPECIFIC GRAVITY	0.970	
BOILING POINT	125 - 338 F	51 - 170 C
VOLATILES	44.9% by wt	48.7% by vol
EVAPORATION RATE	Same as ether	

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53880-05-0	Isophorone Diisocyanate Homopolymer	LD50	RAT		Nil Reported
		LC50	RAT	4HR	N/E
		LD50	RAT		N/E
4098-71-9	Isophorone Diisocyanate	LC50	RAT	4HR	N/E
		LD50	RAT		5490 mg/kg

Section 12 -- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:
ECOTOXICITY: No Information Available

ENVIRONMENTAL FATE:
MOBILITY: No Information Available
BIODEGRADATION: No Information Available **BIOACCUMULATION:** No Information Available

PHYSICAL/CHEMICAL:
HYDROLYSIS: No Information Available
PHOTOLYSIS: No Information Available

Section 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section 14 -- TRANSPORT INFORMATION

Proper Shipping Name: Consumer Commodity
NOS Technical Name: ORM-D
Hazard Class: N/A
UN Number: N/A
Packing Group: N/A

Otherwise:
Proper Shipping Name: Paint Related Material
NOS Technical Name: N/A
Hazard Class: 3
UN Number: UN1263
Packing Group: II

Section 15 -- REGULATORY INFORMATION

SARA 313:

CAS No.	CHEMICAL/COMPOUND	% by WT
1330-20-7	Xylene	0.1
100-41-4	Ethylbenzene	0.1
822-06-0	1,6-Hexamethylene Diisocyanate	0.0
95-63-6	1,2,4-Trimethylbenzene	2.8
4098-71-9	Isophorone Diisocyanate	0.1

CALIFORNIA PROPOSITION 65
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects other reproductive harm.

TSCA CERTIFICATION:
U.S. TSCA: This product and/or all of its components are listed on the U.S. TSCA Inventory or is otherwise exempt from TSCA Inventory reporting requirements.

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Section 16 -- OTHER INFORMATION

DISCLAIMER:

Do not handle until the manufacturer's safety precautions have been read and understood. Regulations require that all employees be trained on Material Safety Data Sheets for all products with which they come in contact. While we believe that the data contained herein is accurate and derived from qualified sources, the data are not be taken as a warranty or representation for which we assume legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state, provincial, and local laws and regulations.

