SAFETY DATA SHEET

KURUMA ACRYLIC PRIMER GREY



Rev.01/22

1. Identification of the substance/preparation and of the company/undertaking

Product name	:	KURUMA ACRYLIC PRIMER GREY
Product type	:	Paint
Product use	:	Auto Refinish
Supplier/Manufacturer	:	TOA Performance Coating Corporation Co., Ltd.
Address	:	31/1 Moo 3, Debaratana Rd., KM.23, Bangsaothong,
	:	Amphur Bangsaothong, Samuthprakarn, 10540 Thailand.
Tel.	:	+66(0)2335-5555
Fax.	:	+66(0)2312-8928
Emergenycy telephone number	:	+66(0)235-5555 #1999

2. Hazards identification

Classification of the substance or mixture

Flammable liquid and vapour	Category 2
Acute inhalation toxicity	Category 4
Skin corrosion / Irritation	Category 2
Serious eyes damage / Eyes irritation	Category 2B
Carcinogenicity	Category 2
Reproductive toxicity	Category 1
Specific target organ systemic toxicity-Single exposure	Category 1
Specific target organ systemic toxicity-Repeated exposure	Category 1
Aspiration Hazard	Category 1
Acute aquatic hazard	Category 2
Long-term aquatic hazard	Category 2

GHS -Labelling

Signal word

Pictogram symbols



Danger

Hazard statement	H225 - Highly flammable liquid and vapour
	H304 - May be fatal if swallowed and enters airways
	H315 - Causes skin irritation
	H320 - Causes eye irritation
	H332 - Harmful if inhaled
	H351 - Suspected of causing cancer
	H360 - May damage fertility or the unborn child
	H370 - Causes damage to organs
	H372 - Causes damage to organs through prolonged or repeated exposure
	H401 - Toxic to aquatic life
	H411 - Toxic to aquatic life with long lasting effects
Precautionary statement	Prevention
	P201 - Obtain special instructions before use.
	P202 - Do not handle until all safety precautions have been read and understood.
	P210 - Keep away from heat/sparks/open flames/hot surfaces No smoking.
	P233 - Keep container tightly closed.
	P240 - Ground/Bond container and receiving equipment

P241 - Use explosion-proof electrical/ventilating/lighting P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash hand, mouth, etc. thoroughly after handling. P270 - Do not eat, drink or smoke when using thisproduct. P273 - Avoid release to the environment. P280 - Wear protective gloves/eye protection/face protection P281 - Use personal protective equipment as required. Response P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P302 + P352 - IF ON SKIN: Wash with plenty of soap and water P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P307 + P311IF exposed: Call a POISON CENTER ordoctor/physician. P308 + P313IF exposed or concerned: Get medicaladvice/attention. P314 - Get medical advice/attention if you feel P321 - Specific treatment P331 - Do NOT induce vomiting. P332 + P313 If skin irritation occurs: Get medical advice/attention. P337 + P313 If eye irritation persists: Get medical advice/attention. P362 - Take off contaminated clothing and wash before reuse. P370 + P378 In case of fire: Use appropriate media for extinction. P391 Collect spillage. Storage P403 + P235 Store in a well-ventilated place. Keep cool. P405 - Store locked up. Disposal P501 - Dispose of contents/container to appropriate waste site or reclaimer in accordance with

local/ regional / nation or national regulations.

3. Composition/information on ingredients

Chemical name	CAS No.	Concentration(%)
Acrylic Resin	Proprietary	15 - 20
Toluene	108-88-3	20 - 25
Butyl acetate	123-86-4	25 - 30
МІВК	108-10-1	1 - 5
Titanium dioxide or Colouring Pigments (Black)	13463-67-7	5 - 10
Extender Pigments	-	20 - 25

4. First aid measures.

General Advice Eye Contact	:	If symptoms persist, call a physiciam. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minute. Get medical advice / attention.
Skin Contact	:	Do NOT use solvents or thinner .Remove contaminated clothing immediately and Wash off with plenty of water .If skin irritation persists, get medical advice / attention.
Inhalation	:	Move to fresh air. Get medical attention if symptoms occur. Risk of serious damage to the lungs.
Ingestion	:	Rinse mouth with fresh water . Do not induce vomiting. Call a physician immediately. If vomiting occurs naturally, have victim lean forward.

5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing media	:	Use water spray, dry chemical powder, Carbon dioxides, foam Do not use water jet		
Special hazards arising from the	subst	ance or mixture		
Fire hazard	:	In a fire or if heated, a pressure in crease will occur and the container may burst, with the risk of a subsequent explosion. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.		
Thermal decomposition products	:	Decomposition products may be hazardous to health.		
Special protective equipment and precautions for fire-fighters				
Protective actions for firefighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done with out risk. Use water spray to keep fire-exposed containers cool.		
Protection during firefighting	:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.		

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.	
For emergency responders	:	Do not attempt to take action without suitable protective equipment	
Environmental precautions	:	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.	
		Inform the relevant authorities if the product has caused enviromental pollution. Water polluting	
		material. May be harmful to the environment. If released in large quantities.	
Methods and material for containment and cleaning up			
	:	Take up liquid spill into absorbent material. Notify authorities if product enters sewers or	
		public waters.	

7. Handling and storage

Handling	Handle in good ventilated area.
	Wash thoroughly hand and face after handling.
	Close tightly container with closer necessarily during and after use.
	Wear antistatic suits and shoes , while working.
	Use handtool of spark proof type and ground equipment.
	Wear proper protectors to avoid contact of skin or eyes when handling
	open containers.
	Install proper local ventilator and wear proper protector in closed space.
Storage	Keep container closed and avoid direct sunlight.
	Store in good ventilation.
	Store with keeping away from ignition or heat source.

8. Exposure controls/personal protection

Controlparameters	:	MIBK
		OSHA : PEL-TWA 100 ppm (410 mg/m3)
		NIOSH : REL-TWA 50 ppm (205 mg/m3)
		REL-STEL 75 ppm (300 mg/m3)
		Butyl acetate
		OSHA : PEL TWA 150 ppm (710 mg/m3)
		PEL STEL 200 ppm (950 mg/m3)
		NIOSH : REL TWA 150 ppm (710 mg/m3)
		REL STEL 200 ppm (950 mg/m3)

	Toluene
	OSHA : PEL-TWA 200 ppm
	NIOSH : REL-TWA 100 ppm (375 mg/m3)
	REL-STEL 150 ppm (560 mg/m3)
Engineeringcontrols	: Use only in a well-ventilated area. Use local exhaust ventilation
Personalprotection	
Respirationprotection	: Organic vapor respirator
Eye/Faceprotection	: Safety google and face shield
Skinprotection	: Wear protective clothing
Bodyprotection	: Wear protective clothing
Work/HygienicPractices	: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

9. Physical and chemical properties

Appearance and Colour	:	Liquid, Grey
Odour	:	Solvent Odour
Odour Threshold	:	Not available
рН	:	Not available
Melting point/freezing point	:	Not available
initial boiling point and boiling	:	Not available
Flash point	:	31 ⁰ C
Evaporation rate	:	Not available
Flammability (solid, gas)	:	Not available
Vapour pressure	:	Not available
Vapour density	:	Not available
Relative density at 25C	:	1.18 - 1.20 g/cm3
Solubility	:	None or poor in water
Log Pow	:	Not available
Auto ignition temperature	:	Not available
Decomposition temperature	:	Not available
Viscosity	:	Not available

10. Stability and reactivity

Reactivity Chemical stability Possibility of hazardous reactions	::	Not available Stable under normal conditions. Hazardous reactions will not occur under normal conditions.
Conditions to Avoid	:	High temperature, direct sunlight.
Materials to Avoid	:	Acid, alkaline and Strong oxidising agent and reducing agents or peroxide fumes.
Hazardous Decomposition	:	Carbon monoxide, Carbon dixide toxic or asphyxiating gases

11. Toxicological information

Acute oral toxicity	:	ATE mix (oral/rat) 11275 mg/kg (Not classified)
Acute dermal toxicity	:	ATE mix (skin/rabbit) 17701 mg/kg (Not classified)
Acute inhalation toxicity	:	ATE mix (inhale/rat) 6.23 mg/L/4 hr (Not classified)
Skin corrosion / irritation	:	Causes skin irritation
Serious eye damage/eye irritation	:	Causes eye irritation
Respiratory sensitization	:	Not classified
Skin sensitization	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Suspected of causing cancer
Reproductive toxicity	:	May damage fertility or the unborn child
STOT - single exposure	:	Causes damage to organs
STOT - repeated exposure	:	Causes damage to organs through prolonged or repeated exposure

12. Ecological information

Acute aquatic hazard	:	Toxic to aquatic life
Long-term aquatic hazard	:	Toxic to aquatic life with long lasting effects
Persistence and degradability	:	Not rapidly degradability
Bioaccumulative potential	:	Not available
Mobility in soi	:	Not available
Other adverse effects	:	Not available

13. Disposal considerations

:	Dispose of contents in accordance with local/national and international regulations
	or handled by authorized waste collector in your country
:	Dispose of container in accordance with all local, regional, national
	and international regulations.
	:

14. Transport information

UN.Number	:	1263
ProperShippingName	:	Paint
UN.Class	:	3
PackingGroup	:	III
Environmentalhazards	:	NO
LandTransportation	:	Accord to each transportation under " ADR/RID code "
AirTransportation	:	Accord to each transportation under " ICAO/IATA code "
MaritimeTransportation	:	Accord to each transportation under " IMO/IMDG code "

15. Regulatory information					
Thai regulation	:	Thai land Notification of Ministry of Industry Subject.			
		List of hazardous substances B.E. 2556 (2013)			

: Thai land Notification of Ministry of Labour Subject. List of hazardous chemicals B.E. 2556 (2013)

16. Other information

Created	:	Jun, 2022
References	:	
	1)	https://pubchem.ncbi.nlm.nih.gov/
	2)	https://www.nite.go.jp/chem/english/ghs/all_fy_e.html
3)		United Stated National Library of Medicine: ChemIDplus Lite (ID PLUS)
4)		http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?CHEM
	4)	New Jersey Department of Health (DOH)
		http://web.doh.state.nj.us/rtkhsfs/qrsearch.aspx.
5)	5)	International Uniform ChemicaL Information Database (IUCLID)
		http://ecb.jrc.ec.europa.eu/esis/index.php?PGM=dat
6)		CHEMTRACK
		http://www.chemtrack.org/Chem-Result.asp
7)	7)	SIGMA-ALDISH
		http://www.sigmaaldrich.com/MSDS/MSDS/DisplayMSDSPage.do?
		Occupational Safety & Health Administration (OSHA)
		http://www.osha.gov/dts/chemicalsampling/toc/chmcas.html

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