

SAFETY DATA SHEET



Rev.01/22

KURUMA ACRYLIC PRIMER GREY

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
Emergency 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

Pictogram symbols



Signal word : 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

<u>Chemical name</u>	<u>CAS No.</u>	<u>Concentration(%)</u>
Acrylic Resin	Proprietary	15 - 20
Toluene	108-88-3	20 - 25
Butyl acetate	123-86-4	25 - 30
MIBK	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 : If symptoms persist, call a physician.
Eye Contact : 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

Extinguishing Media

Toluene

OSHA : PEL-TWA 200 ppm

NIOSH : REL-TWA 100 ppm (375 mg/m³)

REL-STEL 150 ppm (560 mg/m³)

Engineering controls	:	Use only in a well-ventilated area. Use local exhaust ventilation
Personal protection	:	
Respiration protection	:	Organic vapor respirator
Eye/Face protection	:	Safety goggles and face shield
Skin protection	:	Wear protective clothing
Body protection	:	Wear protective clothing
Work/Hygiene Practices	:	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
pH	:	Not available
Melting point/freezing point	:	Not available
Initial boiling point and boiling range	:	Not available
Flash point	:	31 °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/cm ³
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	:	Not available
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	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 dioxide 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 (inhalation/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

Aspiration hazard : May be fatal if swallowed and enters airways

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

Disposal methods : Dispose of contents in accordance with local/national and international regulations or handled by authorized waste collector in your country
Container Management : 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 States National Library of Medicine: ChemIDplus Lite (ID PLUS)
<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) 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) SIGMA-ALDRICH
<http://www.sigmaldrich.com/MSDS/MSDS/DisplayMSDSPage.do?>
Occupational Safety & Health Administration (OSHA)
<http://www.osha.gov/dts/chemicalsampling/toc/chmcas.html>

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