

Printing date 07.12.2015 Version number 1 Revision: 07.12.2015

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

- · 1.1 Product identifier
- · Trade name: 755C MEDIUM COARSE METALLIC
- · Article number: RS400MG4755
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.
- · Application of the substance / the mixture Paint
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

Manufacturer: Kansai Altan Boya San. ve Tic. A.S.

Ankara Asfalti 25. Km.

TR-35730 Kemalpasa - Izmir

**TURKEY** 

infosds@kansaialtan.com.tr

- · Further information obtainable from: Material safety department
- · 1.4 Emergency telephone number:

During working hours: +90 232 870-1277

## SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS08 health hazard

STOT RE 2 H373 May cause damage to the central nervous system and the hearing organs through prolonged or repeated exposure.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· Hazard pictograms







GHS02

GHS07

GHS08

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· Signal word Danger

#### · Hazard-determining components of labelling:

Solvent naphtha (petroleum), medium aliph.

#### · Hazard statements

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H373 May cause damage to the central nervous system and the hearing organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

#### · Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with

water/shower.

P321 Specific treatment (see on this label).

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

regulations.

#### · 2.3 Other hazards

· Results of PBT and vPvB assessment

· **PBT**: Not applicable. · **vPvB**: Not applicable.

### SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

 $\cdot \textit{Description:} \ \textit{Mixture of substances listed below with nonhazardous additions}.$ 

Dangerous components:		
EINECS: 215-535-7	xylene Flam. Liq. 3, H226; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	25-50%
L L	isobutyl acetate Flam. Liq. 2, H225	10-<25%
L	ethyl acetate ⑤ Flam. Liq. 2, H225; ① Eye Irrit. 2, H319; STOT SE 3, H336	2,5-<10%
EINECS: 202-849-4	ethylbenzene  Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332	2,5-<10%
	Aluminium powder (stabilized)  Flam. Sol. 1, H228	2,5-<10%





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G 1G 000 ( 0 C 0		ontd. of page
CAS: 9004-36-8	cellulose acetate butyrate	2,5-<10%
	<b>♦</b> Acute Tox. 4, H312	
EC number: 918-668-5	Hydrocarbons, C9 aromatics	2,5-<10%
Reg.nr.: 01-2119455851-35	♠ Flam. Liq. 3, H226; ♦ Asp. Tox. 1, H304; ♦ Aquatic Chronic 2, H411; ♦ STOT SE 3, H335-H336	
CAS: 64742-95-6	Solvent naphtha (petroleum), light arom.	0,1-≤2,59
EINECS: 265-199-0 Index number: 649-356-00-4 Reg.nr.: 01-2119455851-35	<ul> <li>Flam. Liq. 3, H226;</li> <li>Asp. Tox. 1, H304;</li> <li>Aquatic Chronic 2, H411;</li> <li>Acute Tox. 4, H332; STOT SE 3, H335-H336</li> </ul>	
	Reaction mass of ethylbenzene and xylene	1-≤2,5%
	♠ Flam. Liq. 3, H226; ♠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	
CAS: 64742-88-7	Solvent naphtha (petroleum), medium aliph.	0,1-≤2,59
EINECS: 265-191-7	♦ Flam. Lig. 3, H226; ♦ STOT RE 1, H372; Asp. Tox. 1, H304	
Index number: 649-405-00-X		
Reg.nr.: 01-2119458049-33		
CAS: 67-56-1	methanol	<i>0,1-≤2,5</i> 9
EINECS: 200-659-6	<b>♦</b> Flam. Liq. 2, H225; <b>♦</b> Acute Tox. 3, H301; Acute Tox. 3,	
Index number: 603-001-00-X	H311; Acute Tox. 3, H331; 🔈 STOT SE 1, H370	
Reg.nr.: 01-2119433307-44	· ·	

<sup>·</sup> Additional information: For the wording of the listed risk phrases refer to section 16.

# SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

*In case of unconsciousness place patient stably in side position for transportation.* 

- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: If symptoms persist consult doctor.
- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- · 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

# SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents: CO2, sand, extinguishing powder. Do not use water.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- 5.3 Advice for firefighters
- · Protective equipment:

Mouth respiratory protective device.

Do not inhale explosion gases or combustion gases.

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Wear fully protective suit.

### SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage: 5 °C 40 °C
- · Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

· 7.3 Specific end use(s) No further relevant information available.

#### SECTION 8: Exposure controls/personal protection

- · Additional information about design of technical facilities: No further data; see item 7.
- · 8.1 Control parameters
- Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

1	3	30	<b>)-</b> 2	<i>0-7</i>	xyl	ene
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IOELV Short-term value: 442 mg/m³, 100 ppm Long-term value: 221 mg/m³, 50 ppm

Skin

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100-41	-4 ethylbenzene	
IOELV	Short-term value: 884 mg/m³, 200 ppm Long-term value: 442 mg/m³, 100 ppm Skin	
67-56-	1 methanol	
IOELV	Long-term value: 260 mg/m³, 200 ppm Skin	

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

#### · Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

- Recommended filter device for short term use: Combination filter A-P2
- Protection of hands:



#### Protective gloves

Sensibilisation by the components in the glove materials is possible.

Check protective gloves prior to each use for their proper condition.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Use gloves resistant to chemical affects (EN 374) and having CE marking.

#### · Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable:

Butyl rubber, BR

Fluorocarbon rubber (Viton)

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Neoprene gloves

· As protection from splashes gloves made of the following materials are suitable: Nitrile rubber, NBR

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· Eye protection:

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Tightly sealed goggles

- · Body protection: Use protective clothing that prevents direct contact to skin.
- · Protective suit antistatic.

9.1 Information on basic physical a	and chemical properties
General Information	
Appearance:	
Form:	Fluid
Colour:	Metallic grey
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	77 °C
Flash point:	14 °C (Closed cup)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	405 °C
Decomposition temperature:	Not determined.
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
	rapour maximes are possible.
Explosion limits:	1.177.107
Lower:	1,1 Vol %
Upper:	10,5 Vol %
Vapour pressure at 20 °C:	20 hPa
Density at 20 °C:	$0.95 \text{ g/cm}^3$
Relative density	Not determined.
Vapour density	heavier than air
Evaporation rate	Not determined.
Solubility in / Miscibility with	
water:	Partly soluble.
Partition coefficient (n-octanol/wat	er): Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic at 20 °C:	35 s (DIN 53211/4)

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9.2 Other information

No further relevant information available.

## SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

### SECTION 11: Toxicological information

- · 11.1 Information on toxicological effects
- · Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50	values relev	ant for classification:
1330-20-7	xylene	
Dermal	LD50	2000 mg/kg (rabbit)
141-78-6 e	thyl acetate	
Dermal	LD50	>18000 mg/kg (rabbit)
100-41-4 e	thylbenzene	2
Dermal	LD50	17800 mg/kg (rabbit)
9004-36-8	cellulose ac	cetate butyrate
Dermal	LD50	>1000 mg/kg (guinea pig)
Hydrocarb	ons, C9 ard	omatics
Dermal	LD50	>3160 mg/kg (rabbit)
Inhalative	LC50/96 h	(rat)
64742-95-	6 Solvent na	uphtha (petroleum), light arom.
Dermal	LD50	>3400 mg/kg (rab)
Inhalative	LC50/96 h	>10,2 mg/l (rat)
64742-88-	7 Solvent no	uphtha (petroleum), medium aliph.
Dermal	LD50	>3000 mg/kg (rab)
Inhalative	LC50/96 h	>14 mg/l (rat)
67-56-1 m	ethanol	
Dermal	LD50	15800 mg/kg (rabbit)
Inhalative	LC50/96 h	28000 mg/l (fish)
. Primary ir		

- · Primary irritant effect:
- · Skin corrosion/irritation

Causes skin irritation.

- · Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.

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- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure Based on available data, the classification criteria are not met.
- · STOT-repeated exposure

May cause damage to the central nervous system and the hearing organs through prolonged or repeated exposure.

· Aspiration hazard Based on available data, the classification criteria are not met.

# SECTION 12: Ecological information

- · 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- Ecotoxical effects:
- · Remark: Harmful to fish
- Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details.

Harmful to aquatic organisms

- · 12.5 Results of PBT and vPvB assessment
- · **PBT**: Not applicable.
- · vPvB: Not applicable.
- 12.6 Other adverse effects No further relevant information available.

### SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

·European	waste catalogue
08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS
	AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 13*	sludges from paint or varnish containing organic solvents or other hazardous substances
15 00 00	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 00	packaging (including separately collected municipal packaging waste)

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15 01 10\* packaging containing residues of or contaminated by hazardous substances

- · Uncleaned packaging:
- · Recommendation: Disposal must be made according to official regulations.

14.1 UN-Number	
ADR, IMDG, IATA	UN1263
14.2 UN proper shipping name	
ADR	1263 PAINT, special provision 640H
IMDG	PAINT
IATA	Paint
14.3 Transport hazard class(es)	
ADR, IMDG, IATA	
3	
Class	3 Flammable liquids.
Label	3
14.4 Packing group	
ADR, IMDĞ, İATA	III
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Warning: Flammable liquids.
Danger code (Kemler):	-
EMS Number:	F-E, <u>S-E</u>
Stowage Category	A
14.7 Transport in bulk according to Anna	
Marpol and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	51
Limited quantities (LQ) Excepted quantities (EQ)	5L Code: E1
Excepted quantities (EQ)	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per inner packaging: 50 ml Maximum net quantity per outer packaging: 1000 ml
Transport category	3
Transport category Tunnel restriction code	E
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1
(22)	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml

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EU







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· UN "Model Regulation":

UN 1263 PAINT. SPECIAL PROVISION 640H. 3. III

## SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I methanol
- · Seveso category P5c FLAMMABLE LIQUIDS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 5.000 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 50.000 t
- · National regulations:
- Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### · Relevant phrases

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H228 Flammable solid.

H301 Toxic if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic in contact with skin.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H370 Causes damage to organs.

H372 Causes damage to the central nervous system through prolonged or repeated exposure.

H373 May cause damage to the central nervous system and the hearing organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

- · Department issuing MSDS: Product safety department
- · Contact: Ms. Sevde Seza Bozacioğlu
- · Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Flam. Sol. 1: Flammable solids, Hazard Category 1

Acute Tox. 3: Acute toxicity, Hazard Category 3 Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2 Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

STOT SE 1: Specific target organ toxicity - Single exposure, Hazard Category 1 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

STOT RE 1: Specific target organ toxicity - Repeated exposure, Hazard Category 1

STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

