

Material Safety Data Sheets (MSDS)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- a. Product name : Coated Abrasives(XA911, XA517, XA517F, JA512, JA535, JA539)
- b. Manufacturer : KOREA ABRASIVE IND.CO.,LTD.
- c. Publisher : Research and Development part
- d. Person in charge : MO SE WOONG
- e. Section in charge : General affairs section
- f. Address : 290 GAJWA -4 DONG SEO-KU, INCHEON, KOREA.
SEO-INCHEON P.O. Box 25, INCHEON, KOREA.
- h. Telephone number : 82-32-580-4300~8
- i. Fax number : 82-32-580-4310
- j. Revision date : FEB, 1, 2005
- k. Revision No. : 4

2. COMPOSITION AND INFORMATION ON INGREDIENTS

- a. Classification : Mixture
- b. Chemical name : N/A
- c. Synonym : N/A
- d. Ingredients and composition

Ingredients		Composition	Composition %	CAS. NO
Resin	JA512	Phenolic Resin	16	9003-35-4
	JA535		17	
	JA539		18	
	XA911		22	
	XA517		14	
	XA517F		14	
Abrasives	JA512	Al ₂ O ₃	26	1344-28-1
	JA535		26	
	JA539		31	
	XA911		23	
	XA517		28	
	XA517F		24	

Ingredients		Composition	Composition %	CAS. NO
Filler	JA512	CaCO ₃	8	471-34-1
		Na ₃ AlF ₆	20	15096-52-3
	JA535	CaCO ₃	10	471-34-1
		Na ₃ AlF ₆	20	15096-52-3
	JA539	CaCO ₃	7	471-34-1
		Na ₃ AlF ₆	23	15096-52-3
	XA911	CaCO ₃	10	471-34-1
		Na ₃ AlF ₆	20	15096-52-3
	XA517	CaCO ₃	15	471-34-1
		Na ₃ AlF ₆	17	15096-52-3
	XA517F	CaCO ₃	16	471-34-1
		Na ₃ AlF ₆	20	15096-52-3
Backing Material	JA512	PES/Cotton	28	-
	JA535		25	
	JA539		20	
	XA911		23	
	XA517		25	
	XA517F		24	
Others	JA512	-	1-2	-
	JA535			
	JA539			
	XA911			
	XA517			
	XA517F			

3. HAZARDS IDENTIFICATION

Not Applicable

4. FIRST AID MEASURES

a. Eye Contact

- Do not let the victim rub his eyes.
- Gently rinse the affected eyes with clean water for at least 15 minutes.
- Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

b. Skin Contact

- Remove all contaminated clothing, shoes and soaks from the affected areas as quickly as possible, cutting them off if necessary.
- Wash the affected area under tepid running water using a mild soap.

c. Inhalation

Remove the victim from the contamination immediately to fresh air.

d. Ingestion

Not Applicable

5. EXPLOSIVE AND FIRE FIGHTING METHOD

a. Extinguishing media

- Dry chemical powder, carbon dioxide, water, foam should be used fires.
- Use extinguishing media appropriate to surrounding fire conditions.

MEASURES

- a . Toxic gases will form upon combustion.
- b. Apply water from a safe distance to cool and protect surrounding area.
- c. During fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

6. ACCIDENTAL RELEASE MEASURE

- Shut off all sources of ignition.
- Carefully sweep up and remove.

7. HANDLING AND STORAGE

- a. Keep at temperature at 0°C - 40°C
- b. Keep at humidity at 30-60%
- c. When using do not smoke or food
- d. Avoid rough handling or dropping
- e. Protect against physical damage

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

- a. Control parameters : NOT ESTABLISHED
- b. For most conditions, no respiratory protection should be needed : how ever, in dust.
- c. Wear protective eye glasses or chemical safety goggles.
- d. No precautions other than clean body covering clothing should be needed.
- e. As needed, hearing protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

- a. Physical state, form : Solid
- b. Color : XA911(Dark Brown), XA517, XA517F, JA512, JA539(Brown),
JA535(Green)
- c. Odour : None
- d. Boiling point : Not applicable
- e. Melting point : Not applicable
- f. Solubility : 5-6%/25°C
- g. Vapour pressure : Not applicable

10. STABILITY AND REACTIVITY

- a. This material is stable.
- b. Hazardous decomposition and polymerization will not occur.
- c. Decomposition products : Toxic fumes of carbon monoxide, carbon dioxide, sulfur oxides nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

No relevant information found

12. ECOLOGICAL EFFECTS

- a. This substance is not biodegradable

- b. This substance is not bioaccumulatable
- c. This substance is not fish toxicity

13. DISPOSAL CONSIDERATION

This combustible material may be burned in a chemical incinerator equipped with on afterburner and scrubber

14. TRANSPORT INFORMATION

No relevant information

15. REGULATORY INFORMATION

The chemical company is not able to check up the regulatory information in regard to be substances in your country or region, therefore, we request this matter would be filled by your responsibility.

16. OTHER INFORMATION

a. References

- 1) Chemical substances of unknown or variable composition complex reaction products and biological material.
- 2) Coated abrasives modern tool of industry.

b. Other

- 1) The information herein is given in good faith, but no warranty.

Please consult The KOREA ABRASIVE IND.CO.,LTD. for further information.

- 2) To the of know ledge, the information contained herein is accurate. However, neither KOREA ABRASIVE IND.CO.,LTD. Nor any subsidiaries assumes any liability what so ever for the accuracy or completeness of information contained here sole responsibility of the user.

All material may present unknown hazard and should be used in caution :

Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.