

MSDS No.: KMS-718  
 Alvin DR Mechanical Pencil  
 (0.3mm/0.5mm/0.7mm)  
 Page 1 of 2

## MATERIAL SAFETY DATA SHEET

### Section 1 - General Information

Commercial Product Name : Alvin DR Mechanical Pencil  
 Manufacturer :   
 Company Address :   
 Telephone Number :   
 Fax Number :   
 Contact :   
 Date of Last Revision : March 5th, 2015

### Section 2 - Chemical Characterization / Declaration to the Ingredients

Ingredient	CAS NO	Application
ABS	9003-56-9	Front barrel, Rear barrel
POM	30846-29-8	Sleeve, Rotating cam,
PP	9003-07-0	Chuck joint, Lead refill pipe
NBR	9003-18-3	Core valve, Grip
Stainless steel		Tip pipe, Spring, Eraser cover, Clip
Brass		Front taper, Mouth taper, Chuck, Chuck ring
Graphite	7782-42-5	Top ornament, Eraser cover
Silicone oil	63148-62-9	} → Lead
Thermo Plastic Elastmer (TPE, Styrene Block Copolymer)		
Calcium carbonate	471-34-1	} → Eraser
TiO <sub>2</sub>	13463-67-7	
White Mineral Oil	8042-47-7	

<No hazardous ingredients are present>

### Section 3 - Possible Hazard

None

### Section 4 - First Aid Measures

Eyes : This product is considered safe under normal use conditions.  
 Skin : This product is considered safe under normal use conditions.  
 Ingestion / Inhalator : This product is considered safe under normal use conditions.

### Section 5 - Fire Fighting Measures

Extinguishing Media : Water, foam, dry extinguishing media  
 Special Fire Fighting Procedure : None  
 Unusual Fire and Explosion Hazards : None

### Section 6 - Accidental Release Measures

Person-Related Precautions : Normal clean up  
 This product is considered safe under normal use conditions.  
 Waste Disposal Method : Dispose of all waste in accordance with national and local

regulations

MSDS No.: KMS-718  
Alvin DR Mechanical Pencil  
(0.3mm/0.5mm/0.7mm)  
Page 2 of 2

---

**Section 7 - Handling and Storage**

---

Handling : Do not drop or give strong impact to the product.  
Storage : Do not expose to direct sunlight for safekeeping.

---

**Section 8 - Exposure Controls / Personal Protection**

---

None under normal use conditions.

---

**Section 9 - Physical and Chemical Properties**

---

Physical State : Solid  
Boiling Point: : Not Available  
Melting Point : 150 - 160 degrees centigrade  
Solubility in Water : Not Applicable  
Appearance and Odor : No Odor

---

**Section 10 - Stability and Reactivity**

---

Conditions / Substance to be Avoided : None  
Hazardous Decomposition Products : None

---

**Section 11 - Declaration to Toxicology**

---

Acute : No  
Chronic : No  
Signs and Symptom of Overdosure : No Applicable  
Medical Conditions Generally Aggravated Exposure : No Applicable  
Chemical Listed as Carcinogens : No

---

**Section 12 - Remarks on Ecology**

---

Not Available

---

**Section 13 - Disposal**

---

Consult national and local governments and observe all related regulations.

---

**Section 14 - Regulations for Transportation**

---

Not regulated

---

**Section 15 - Regulations**

---

Safety Standards complied with EN71 Part 3

---

**Section 16 - Further Information**

---

Note: The information given in this MSDS are based on our present state of knowledge and are no assurance of properties of our products. Existing laws and regulations have to be obeyed by purchasers themselves.