

# Technical Data Sheet

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Item Name:

# SMA

## PRODUCT INFORMATION

|                    |                                  |
|--------------------|----------------------------------|
| Chinese Name:      | 无水偏硅酸钠                           |
| Commodity Name:    | SMA                              |
| Chemical Name:     | Sodium Metasilicate Anhydrous    |
| CAS No.:           | 6834-92-0                        |
| Molecular Weight:  | 122.1                            |
| Molecular Formula: | Na <sub>2</sub> SiO <sub>3</sub> |
| DG Class:          | 8.1 (corrosive)                  |
| UN No.:            | 1759                             |
| Packing Group:     | III                              |

## TECHNICAL SPECIFICATION

| Index                                    | Standard              |
|------------------------------------------|-----------------------|
| Appearance                               | White granular powder |
| Sodium oxide (Na <sub>2</sub> O) by wt % | 49.5 - 51.5           |
| SiO <sub>2</sub> by wt %                 | 45.0 - 47.0           |
| Water insoluble %                        | 0.05 max              |
| Fe by ppm                                | 100 max               |
| Whiteness %                              | 90 min                |
| Bulk density by g/L                      | 980 - 1350            |
| Particle size % (16-80mesh)              | 93 min                |

## MAIN APPLICATION

Detergents; Rust remover for metal; Grinding aids for ceramics; Deinking agent for paper; Dyeing and printing auxiliary for removing oil in textile industry; Raw material for flameproofing agent; Plastic maintenance agent; Water retention agent; Water reducing agents.

## PACKING, LOADING AND SHELF LIFE

Packing: 25kg, 1000kg PP bag with PE liner

Loading: 27mt/20'fcl for 25kg bags, 25mt/20'fcl for 25kg on pallets, 20mt/20'fcl for 1000kg bags

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

## DISCLAIMER

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