



Safety Data Sheet

Issuing Date: 17 August 2015

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Revision Number:2

1. Identification of the Substance/Preparation and the Company Undertaking

GHS Product Identifier

Product Name Super Met-Al Fine-X Porcelain Art pen – White and Colored

Other Means of Identification

Part Number 41200-41211, and 41220

Color 41200 White, 41201 Yellow, 41202 Black, 41203 Red, 41204 Green, 41205 Blue, 41206 Orange, 41207 Metallic Gold, 41208 Metallic Silver, 41209 Violet, 41210 Pink, 41211 Brown, 41220 White-2 pack

Synonyms Porcelain Art Pen

Recommended use of the chemical and restrictions on use

Recommended Use Low bake stoving marker for porcelain and glass surfaces

Uses Advised Against No information available

Supplier's Details

Supplier Address

SKM Industries Inc.
1012 Underwood Road
Olyphant, Pa 18447
Telephone: 570-383-3062

Emergency Telephone Number

Chemtrec US & Canada 800-424-9300

2. HAZARDS IDENTIFICATION

Classification

Not Classified

GHS Label Elements, including precautionary statements

Emergency Overview

Signal Word – No Signal Word

Precautionary Statements

P102 – Keep out of reach of children
P101 – If medical advice is needed, have product container or label at hand
P262 – Do not get in eyes, on skin, or on clothing
P273 – Avoid release to the environment

Supplementary Information

EUH 208 – Contains chloromethyl isothiazolinone/methyl isothiazolinone. May produce an allergic reaction

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance/mixture Mixture

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

*see section 16 for full text

4. FIRST AID MEASURES

Description of necessary first-aid measures

General:

In case of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation:

Remove to fresh air, keep patient warm and at rest.

Eye Contact:

Remove contact lenses. Irrigate copiously with clean, fresh water for at least ten minutes, holding the eyes apart, and seek medical advice.

Skin Contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleanser. Do NOT use solvent or thinners.

Ingestion:

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do not induce vomiting.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use an extinguishing agent suitable for the surrounding fire

Unsuitable extinguishing media None known.

Recommendations: Fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow water run-off from fire-fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Exclude not essential personnel. Avoid breathing vapours. Refer to protective measures listed in section 7 and 8. Contain the spillage with non-combustible absorbent materials eg. Sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations (see section 13). Do not allow to enter drains or watercourses. Clean, preferably with detergent: avoid use of solvents. If the product enters drains or sewers, immediately contact the local water company; in case of contamination of streams, rivers or lakes, the relevant environment agency.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Keep the container tightly closed. Avoid skin and eye contact. Avoid the inhalation of vapour. For Occupational Exposure Control measures, see section 8.

Never use pressure to empty: the container is not a pressure vessel. Always use containers the same as the supply container.

(The Manual Handling Operations Regulations may apply to the handling of boxes of containers of this product)

Storage Observe label precautions. Store between 5deg and 25deg C in a dry, well ventilated place away from sources of heat, ignition or direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store separately from oxidising agents and strongly alkaline or acidic materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls

Provide adequate ventilation.

Exposure Limit Values

Components with critical values that require monitoring in the workplace.

Substance	STD	TWA ⁽¹⁾		STEL ⁽²⁾		Notations
		ppm	mg.m ⁻³ (4)	ppm	mg.m ⁻³ (4)	

WEL = Workplace exposure limit

(1) Long term exposure limit – 8 hour time weighted average.

(2) Short term exposure limit – 15 minute reference period.

Occupational Exposure Controls

All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.

Respiratory Protection.

None required during normal use.

Hand Protection.

When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement, must be followed.

Barrier creams may help to protect exposed skin, but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

Eye Protection.

Eye protection designed to protect against liquid splashes should be worn.

Skin Protection.

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleanser.

Regular skin inspection of users of this product is recommended.

Always wash your hands before eating, drinking, smoking or using the toilet.

Environmental exposure control.

See section 12 for detailed information.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Mobile Liquid
Flash Point: non flammable
Specific Gravity: 1.2 – 1.5
Vapour density: n/a
Lower explosion limit: n/a
Solubility in water: miscible

10. STABILITY AND REACTIVITY

Stable under normal storage and handling conditions (see section 7). In a fire, hazardous decomposition products such as smoke, carbon monoxide, and oxides of nitrogen may be produced. Keep away from oxidising agent and strongly alkaline or acidic materials to prevent the possibility of exothermic reactions.

11. TOXICOLOGICAL INFORMATION

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhoea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Conclusion/summary: Not available

12.2 Persistence and degradability

Conclusion/summary: Not available

12.3 Bioaccumulative effect Not available

12.4 Mobility in soil

Soil/water partition coefficient: Not available

Mobility: Not available

12.5 Results of PBT and vPvB assessment

PBT: Not available

vPvB: Not available

12.6 Other adverse effects

No known adverse effects or critical hazards

The product should not be allowed to enter drains or water courses or to be deposited where it can affect ground or surface waters.

13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including empty containers, are controlled wastes and should be disposed of in accordance with regulations made under The Control of Pollution Act and The Environmental Protection Act. When this coating, in its liquid state, as supplied or skinned, becomes a waste, it is categorised as hazardous waste, with code 08 01 11 (list of hazardous wastes)

Used containers, drained and/or rigorously scraped out and containing dried residues of the supplied coating, are categorised as non-hazardous waste, with code 15 01 04 (list of wastes)

If mixed with other wastes the above waste codes may not be applicable

14. TRANSPORT INFORMATION

Transport within the user's premises: Always transport in closed containers that are upright and secure. Ensure persons transporting the product know what to do in the event of an accident or spillage.

This product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

15.1

Safety, health and environmental regulations/legislation specific for the substance or mixture
EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

None of the components is listed

15.2

Chemical Safety Assessment: No Chemical Safety Assessment has been carried out.

Substances of very high concern: None of the components are listed

VOC for Ready-for-Use Mixture: This product contains a maximum of 50 g/l VOC.

16. OTHER INFORMATION

Text of the H phrases listed in Section 2

n/a

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and on current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and advice can be found in:

The Control of Substances Hazardous to Health Regulations 2002[SI2002:2677], The Stationery Office
COSHH Essentials: easy steps to control chemicals [HSG 193], HSE Books. Details of Control Guidance Sheets, which may be relevant to the particular conditions of use, can also be found in this publication.
The Manual Handling Operations Regulations 1992 [SI 1992:2793], The Stationery Office
Chemical Warehousing: Storage of Flammable Liquids in Containers [HSG51], HSE Books
Storage of Packaged Dangerous Substances [HSG71], HSE Books
The Environmental Protection (Duty of Care) Regulations 1992 [SI 1992:2839], The Stationery Office
A Guide to Working with Solvents [INDG 272], HSE Books

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparation Directive 1999/45/EC. Regulation (EC) No. 1907/2006 of the European Parliament and the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of chemicals (REACH) establishing a European Chemical Agency, amending directives 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directive 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC including amendments. Classification, labelling of packaging of mixtures 1272/2008EC.

SKM has been advised by attorney that the OSHA Hazard Communication Standard does not apply to the SKM products listed in this SDS. The explanation for the exemption is contained in 29 CFR 1910.1200(b)(6)(ix) as amended July 1, 2002 per the code of Federal Regulations. This information contained in this MSDS is forwarded to you for your information, but is not meant to imply that the Hazard Communication Standard covers the product nor is this SDS meant to comply with all requirements of the Hazard Communication Standard.

End of Safety Data Sheet