

Material Safety Data Sheet

Scratch-Fix Touch-Up Pens

1. Chemical product and Company Identification

Company Identification Miller LLC
4530 Fyler Avenue
St. Louis, MO. 63116

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Last revised: November 13, 2002

Emergency call: 314-353-3135

Product Name Scratch-Fix Touch-Up Pens
Product Code(s) SF1201, SF1202, SF1203, SF1204, SF1205

2. Composition/Information On Ingredients

Component	CAS Reg. No	Percent Weight
Xylene	1330-20-7	No data

This product is not considered to be hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200)

3. Hazards Identification

Emergency Overview CAUTION! Product vapors are flammable
Packaging may be subject to ignition by fire and may release toxic or other irritating gases

4. First Aid Measures

Eye Contact Flush eyes large amounts of water for at least fifteen minutes. Contact physician
Skin Contact Wash skin with soap and water. Seek medical attention in the unlikely event that irritation occurs
Ingestion Seek medical attention
Inhalation If symptomatic, move to fresh air and seek medical attention

5. Fire Fighting Measures

Extinguishing Media Carbon dioxide, dry chemical or foam recommended. Apply water to cool exposed closed containers
Special Fire Fighting Procedures Self contained breathing apparatus (SCBA) and full protective equipment recommended
Unusual Fire and Explosion Hazards Packaging may be subject to ignition by fire and may release toxic gases

Flammability Data

Flash Point TCC 27 c
Flammability limits LEL 1% UEL 1%
Auto-ignition temperature No data
Dust cloud ignition temperature No data
Dust layer ignition temperature No data

HMIS Ratings	
Health	1
Flammability	2
Reactivity	0
Protective Equipment	A

6. Accidental Release Measures

Small spill Sweep or wipe up material. Place spilled material into appropriate waste containers for disposal
Large spill Sweep or wipe up material. Place spilled material into appropriate waste containers for disposal

7. Handling and Storage

Handling Contents will stain. The use of smocks and gloves to protect personal clothing is suggested.
Wash hands and surface after use.
Storing Do not store near heat or open flame. Product vapors are flammable.

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8. Exposure Controls/Personal Protection

Engineering Controls	The use of local ventilation is recommended
Personal protection	No special skin protection required. Wash skin if irritation is experienced. Eye protection is recommended

9. Physical and Chemical Properties

Physical State	Solid
Appearance	Ink filled metal barreled fiber tip marker
Color	Various colors
Odor	Slight lemon type solvent
pH	No data
Specific gravity	0.91
Boiling point	139 c
Freezing/melting point	No data
Evaporation rate	0.8
Solubility	No data
Vapor Density	5

10. Stability and Reactivity

General	This product is stable and hazardous polymerization will not occur
Incompatibility	None known
Hazardous decomposition	As with all burning organic matter, carbon monoxide and other toxic fumes may be released

11. Toxicological Information

Acute/Chronic Toxicity	This product is not considered to be a hazardous substance under OSHA's
Carcinogenicity	Federal Hazard Communication Standard 29 CFR 1910.1200
Mutagenicity	

12. Ecological Information

This product has not been evaluated for overall environmental effects

13. Disposal Considerations

Contain and place in approved container. Dispose of per Local, State, and Federal regulations

14. Transportation Information

DOT Classification	Not regulated (US)	UN/NA Number	Not regulated
TDG Classification	Not regulated (Canada)	IMO/IMDG Classification	Not regulated
ADR/RID Classification	Not regulated (Europe)	ICAO/IATA Classification	Not regulated

15. Regulatory Information

OSHA Hazard Communication Status	This product is not considered to be a hazardous substance under OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200
Toxic Substances Control Act (TSCA) Status	All ingredients of this material has been reported to the US EPA and are included in the TSCA inventory

16. Other Information

For further product safety information call 314-353-3135

Validated and Verified by Miller LLC
July 13, 2008

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