SAFETY DATA SHEET

Issuing Date 01-Oct-2014 **Revision Date** 01-Oct-2014 **Revision Number** 0

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name	Action Marker - all colors
Part Number	33003, 44003 (Black), 44002 (Red)
Formula Code	J3062 (Black), A735M (Red)
Synonyms	AM33-Fine, and 44-Medium

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use	Solvent based marker
Uses advised against	No information available

1.3. Details of the supplier of the safety data sheet

Importer	**Supplier**
(5511) 4785.2600	Superior Sewing Machine & Supplies LLC 48 West 25th Street New York, NY 10010 Tel: 1-800-274-5800

For further information, please contact

E-mail Address supsew@supsew.com

1.4. Emergency telephone number

Emergency Telephone Number 800-535-5053 Infotrac

Europe	112

Section 2. Hazards identification

2.1. - Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Serious Eye Damage/Eye Irritation	Category 1
Reproductive Toxicity	Category 1B
Specific Target Organ Systemic Toxicity (Single Exposure)	Category 3

Physical Hazards

Flammable liquids	Category 3

Classification according to EU Directives 67/548/EEC or 1999/45/EC

For the full text of the R-phrases mentioned in this Section, see Section 16

The preparation is classified as dangerous in accordance with Directive 1999/45/EC.

Symbol(s)	Xi - Irritant
R-code(s)	R10 - Xi;R41 - R67

2.2. Label Elements

Signal Word **Danger**

Hazard Statements
H303 - May be harmful if swallowed
H316 - Causes mild skin irritation
H318 - Causes serious eye damage
H336 - May cause drowsiness or dizziness
H360 - May damage fertility or the unborn child
H402 - Harmful to aquatic life
H226 - Flammable liquid and vapor
EUH210 - Safety data sheet available on request

Precautionary Statements - EU (§28, 1272/2008)
P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction
Precautionary Statements
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor/ physician
P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray
P271 - Use only outdoors or in a well-ventilated area
P304 + P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P273 - Avoid release to the environment
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P233 - Keep container tightly closed
P240 - Ground/Bond container and receiving equipment
P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection
P403 + P235 - Store in a well-ventilated place. Keep cool
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P308 + P313 - IF exposed or concerned: Get medical advice/ attention
P405 - Store locked up
P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other information

Section 3. Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

Chemical Name	EC-No	CAS-No	Weight %	Classification	EU - GHS Substance Classification	REACH No.
Propanol	Present	71-23-8	60-100	F; R11 Xi; R41 R67	Flam. Liq. 2 (H225) STOT SE 3 (H336) Eye Dam. 1 (H318)	No data available
Diacetone alcohol	Present	123-42-2	30-60	Xi; R36	Eye Irrit. 2 (H319)	No data available
Propylene glycol monomethyl ether	203-539-1	107-98-2	10-30	R10 R67	Flam. Liq. 3 (H226) STOT SE 3 (H336)	No data available
Methyl pyrrolidone	Present	872-50-4	1-5	Xi; R36/37/38 Repr.Cat.2; R61	Skin Irrit. 2 (H315) Repr. 1B (H360D) STOT SE 3 (H335) Eye Irrit. 2 (H319)	No data available

For the full text of the R-phrases mentioned in this Section, see Section 16
For the full text of the H-Statements mentioned in this Section, see Section 16

Section 4. First aid measures

4.1. Description of first-aid measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.

Skin Contact Wash skin with soap and water. If skin irritation persists, call a physician.

Ingestion Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary

Inhalation Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

Protection of First-aiders Remove all sources of ignition. Use personal protective equipment.

4.2. Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects No information available.

4.3. Indication of immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

Section 5. Fire-fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media
Dry chemical. Carbon dioxide (CO_2). Foam.

Extinguishing media which must not be used for safety reasons
No information available.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases
Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

5.3. Advice for firefighters

Special protective equipment for fire-fighters
As in any fire, wear self-contained breathing apparatus and full protective gear.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Stop leak if you can do it without risk. Keep people away from and upwind of spill/leak. Do not touch or walk through spilled material.

6.2. Environmental precautions
Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

6.3. Methods and materials for containment and cleaning up
Small spillage: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Large spillage: Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product.

6.4. Reference to other sections
See Section 12 for additional information.

Section 7. Handling and storage

7.1. Precautions for Safe Handling
Handling
Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Avoid contact with skin, eyes and clothing. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

Hygiene Measures
When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

7.2. Conditions for safe storage, including any incompatibilities
Keep away from open flames, hot surfaces and sources of ignition. Keep away from incompatible materials. Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of children. Keep container closed when not in use.

7.3. Specific end use(s)
Exposure Scenario
No information available.

Other Guidelines
No information available.

Section 8. Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical Name	EU	The United Kingdom	France	Spain	Germany
Propanol 71-23-8		STEL: 250 ppm STEL: 625 mg/m³ TWA: 200 ppm TWA: 500 mg/m³ Skin	TWA: 200 ppm TWA: 500 mg/m³	S* STEL: 400 ppm STEL: 1000 mg/m³ TWA: 200 ppm TWA: 500 mg/m³	

Diacetone alcohol 123-42-2		STEL: 75 ppm STEL: 362 mg/m³ TWA: 50 ppm TWA: 241 mg/m³	TWA: 50 ppm TWA: 240 mg/m³	TWA: 50 ppm TWA: 241 mg/m³	TWA: 20 ppm TWA: 96 mg/m³ Ceiling / Peak: 40 ppm Ceiling / Peak: 192 mg/m³ Skin
Propylene glycol monomethyl ether 107-98-2	S* TWA 100 ppm TWA 375 mg/m³ STEL 150 ppm STEL 568 mg/m³	STEL: 150 ppm STEL: 560 mg/m³ TWA: 100 ppm TWA: 375 mg/m³ Skin	VME: 50 ppm VME: 188 mg/m³ VLCT: 100 ppm VLCT: 375 mg/m³	S* VLA-EC: 150 ppm VLA-EC: 568 mg/m³ VLA-ED: 100 ppm VLA-ED: 375 mg/m³	MAK: 100 ppm MAK: 370 mg/m³ Ceiling / Peak: 200 ppm Ceiling / Peak: 740 mg/m³ TWA: 100 ppm TWA: 370 mg/m³
Methyl pyrrolidone 872-50-4	(3rd:) TWA 10 ppm (3rd:) TWA 40 mg/m³ (3rd:) STEL 20 ppm (3rd:) STEL 80 mg/m³ (3rd:) S*	STEL: 75 ppm STEL: 309 mg/m³ TWA: 10 ppm TWA: 40 mg/m³ Skin	TWA: 40 mg/m³ TWA: 10 ppm STEL: 80 mg/m³ STEL: 20 ppm	S* STEL: 20 ppm STEL: 80 mg/m³ TWA: 10 ppm TWA: 40 mg/m³	TWA: 20 ppm TWA: 82 mg/m³ Ceiling / Peak: 40 ppm Ceiling / Peak: 164 mg/m³ Skin

Component	Italy	Portugal	The Netherlands	Finland	Denmark
Propanol 71-23-8 (60-100)		STEL: 400 ppm TWA: 200 ppm		TWA: 200 ppm TWA: 500 mg/m³ STEL: 250 ppm STEL: 620 mg/m³	TWA: 200 ppm TWA: 500 mg/m³ Skin
Diacetone alcohol 123-42-2 (30-60)		TWA: 50 ppm		TWA: 50 ppm TWA: 240 mg/m³ STEL: 75 ppm STEL: 360 mg/m³	TWA: 50 ppm TWA: 240 mg/m³
Propylene glycol monomethyl ether 107-98-2 (10-30)	TWA: 100 ppm TWA: 375 mg/m³ STEL: 150 ppm STEL: 568 mg/m³ Skin	STEL: 150 ppm TWA: 100 ppm	Skin STEL: 563 mg/m³ TWA: 375 mg/m³	TWA: 100 ppm TWA: 370 mg/m³ STEL: 150 ppm STEL: 560 mg/m³ Skin	TWA: 50 ppm TWA: 185 mg/m³
Methyl pyrrolidone 872-50-4 (1-5)			Skin STEL: 80 mg/m³ TWA: 40 mg/m³	TWA: 10 ppm TWA: 40 mg/m³ STEL: 20 ppm STEL: 80 mg/m³ Skin	TWA: 5 ppm TWA: 20 mg/m³ Skin

Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Propanol 71-23-8	TWA: 200 ppm TWA: 500 mg/m³	Skin TWA: 200 ppm TWA: 500 mg/m³	STEL: 600 mg/m³ TWA: 200 mg/m³	TWA: 100 ppm TWA: 245 mg/m³ Skin STEL: 150 ppm STEL: 306.25 mg/m³	TWA: 100 ppm STEL: 300 ppm Skin
Diacetone alcohol 123-42-2	Skin TWA: 50 ppm TWA: 240 mg/m³	Skin STEL: 40 ppm STEL: 192 mg/m³ TWA: 20 ppm TWA: 96 mg/m³	TWA: 240 mg/m³	TWA: 25 ppm TWA: 120 mg/m³ STEL: 37.5 ppm STEL: 150 mg/m³	TWA: 50 ppm TWA: 240 mg/m³ STEL: 75 ppm STEL: 360 mg/m³
Propylene glycol monomethyl ether 107-98-2	Skin STEL 50 ppm STEL 187 mg/m³ MAK: 50 ppm MAK: 187 mg/m³ Ceiling 50 ppm Ceiling 187 mg/m³	STEL: 200 ppm STEL: 720 mg/m³ MAK: 100 ppm MAK: 360 mg/m³	NDSCh: 360 mg/m³ NDS: 180 mg/m³	TWA: 50 ppm TWA: 180 mg/m³ Skin STEL: 75 ppm STEL: 225 mg/m³	TWA: 100 ppm TWA: 375 mg/m³ STEL: 150 ppm STEL: 568 mg/m³
Methyl pyrrolidone 872-50-4	Skin STEL 20 ppm STEL 80 mg/m³ TWA: 10 ppm TWA: 40 mg/m³	Skin STEL: 40 ppm STEL: 160 mg/m³ TWA: 20 ppm TWA: 80 mg/m³	STEL: 80 mg/m³ TWA: 40 mg/m³ Skin	TWA: 5 ppm TWA: 20 mg/m³ Skin STEL: 20 ppm STEL: 80 mg/m³	TWA: 25 ppm TWA: 101 mg/m³ Skin

Component	Italy	Portugal	Netherlands	Finland	Denmark

Methyl pyrrolidone 872-50-4 (1-5)	(ACGIH:) 100 mg/L urine end of shift 5-Hydroxy-N-methyl-2-pyrrolidone				
Chemical Name	**Austria**	**Switzerland**	**Poland**	**Norway**	**Ireland**
Propylene glycol monomethyl ether 107-98-2		20 mg/L urine end of shift 1-Methoxypropanol-2			

Derived No Effect Level No information available
Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.
Personal protective equipment
Eye Protection Safety glasses with side-shields. If splashes are likely to occur, wear: Chemical splash goggles.
Skin and Body Protection Chemical resistant gloves. Risk of contact: Boots. Apron.
Hand Protection If skin contact possible: Chemical resistant gloves
Respiratory Protection No special protective equipment required. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

Environmental Exposure Controls Do not allow material to contaminate ground water system.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State Liquid. **Appearance** Thin viscosity, Varies.
Odor Ethereal odor.

Property	Values	Remarks/ - Method
pH	No data available	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	120-169.44 °C / 248-337 °F	None known
Flash Point	31.67 °C / 89 °F	None known
Evaporation rate	< 1 (BuAc = 1)	None known
Flammability (solid, gas)	No data available	None known
Vapor Pressure	No data available	None known
Vapor Density	> 1 (air = 1)	None known
Relative Density	> 1 @ 70°F	None known
Water Solubility	Partially soluble in water	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known
Flammable Properties	Flammable; may be ignited by heat, sparks or flames.	
Explosive Properties	No information available	
Oxidizing Properties	No information available	

9.2. Other information

VOC Content (%) J3062 Black: 83.95%
A735M Red: 86.9%
VOC (g/l) J3062 Black: 815 g/L
A735M Red: 725 g/L
Flammability Limits in Air
Upper 7.00
Lower 1.00

Section 10. Stability and reactivity

10.1. Reactivity
No data available.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
None under normal processing.

10.4. Conditions to avoid
Heat, flames and sparks. Incompatible products.

10.5. Incompatible materials
Strong oxidizing agents. Strong reducing agents. Strong alkalis. Strong acids.

10.6. Hazardous decomposition products
Carbon oxides. Soot. Smoke

Section 11. Toxicological information

11.1.

Acute Toxicity

Product Information

Inhalation May cause drowsiness and dizziness. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal

Eye Contact Causes serious eye damage.

Skin Contact Causes mild skin irritation

Ingestion Ingestion may cause nausea and vomiting.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Propanol	= 1870 mg/kg (Rat)	= 4049 mg/kg (Rabbit)	> 13548 ppm (Rat) 4 h
Diacetone alcohol	= 4 g/kg (Rat)	= 13500 mg/kg (Rabbit)	
Propylene glycol monomethyl ether	= 5200 mg/kg (Rat)	= 13000 mg/kg (Rabbit)	> 24 mg/L (Rat) 1 h = 54.6 mg/L (Rat) 4 h
Methyl pyrrolidone	= 3598 mg/kg (Rat)	= 2500 mg/kg (Rat) > 5000 mg/kg (Rabbit)	= 3.1 mg/L (Rat) 4 h

Sensitization No information available.
Mutagenic Effects No information available.
Carcinogenic Effects No information available.

Reproductive Toxicity Product is or contains a chemical which is a known or suspected reproductive hazard.
Developmental Toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Target Organ Effects Blood. Central nervous system (CNS). Eyes. Gastrointestinal tract (GI). Kidney. Liver. Lungs. Respiratory system. Skin.
Aspiration Hazard No information available.

Section 12. Ecological information

12.1. Toxicity

Ecotoxicity Effects
Harmful to aquatic organisms.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Propanol		LC50 96 h: = 4480 mg/L flow-through (Pimephales promelas)	EC50 = 17700 mg/L 5 min EC50 = 45000 mg/L 5 h EC50 = 8686 mg/L 15 min EC50 = 980 mg/L 12 h	EC50 48 h: = 3642 mg/L (Daphnia magna) EC50 48 h: 3339 - 3977 mg/L Static (Daphnia magna)
Diacetone alcohol		LC50 96 h: = 420 mg/L static (Lepomis macrochirus) LC50 96 h: = 420 mg/L (Lepomis macrochirus)		EC50 24 h: = 8750 mg/L (Daphnia magna)
Propylene glycol monomethyl ether		LC50 96 h: 4600-10000 mg/L static (Leuciscus idus) LC50 96 h: = 20.8 g/L static (Pimephales promelas)		EC50 48 h: = 23300 mg/L (Daphnia magna)
Methyl pyrrolidone	EC50 72 h: > 500 mg/L (Desmodesmus subspicatus)	LC50 96 h: = 832 mg/L static (Lepomis macrochirus) LC50 96 h: = 4000 mg/L static (Leuciscus idus) LC50 96 h: = 1072 mg/L static (Pimephales promelas) LC50 96 h: = 1400 mg/L static (Poecilia reticulata)		EC50 48 h: = 4897 mg/L (Daphnia magna)

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential.

Chemical Name	Log Pow
Propanol	0.25 - 0.34
Diacetone alcohol	1.03
Propylene glycol monomethyl ether	-0.437
Methyl pyrrolidone	-0.46

12.4. Mobility in soil

Adsorbs on soil.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

This product does not contain any known or suspected endocrine disruptors.

Section 13. Disposal considerations

13.1. Waste treatment methods

Waste from Residues / Unused Products Dispose of in accordance with local regulations.

Contaminated Packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

Other Information According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

Section 14. Transport information

IMDG/IMO

14.1. UN-Number	UN1263
14.2. Proper Shipping Name	Paint
14.3. Hazard Class	3
14.4. Packing Group	III
Description	UN1263, Paint, 3, III, (31.67°C c.c.)
14.5. Marine Pollutant	None.
14.6. Special Provisions	None.
EmS No.	F-E, S-E
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available.

RID

14.1. UN-Number	UN1263
14.2. Proper Shipping Name	Paint
14.3. Hazard Class	3
14.4. Packing Group	III
Description	UN1263, Paint, 3, III
14.5. Environmental hazard	None.
14.6. Special Provisions	None.
Classification Code	F1

ADR

14.1. UN-Number	UN1263
14.2. Proper Shipping Name	Paint
14.3. Hazard Class	3
14.4. Packing Group	III
Description	UN1263, Paint, 3, III, (D/E)
14.5. Environmental hazard	None.
14.6. Special Provisions	None.
Classification Code	F1
Tunnel Restriction Code	(D/E)

ICAO

14.1. UN-Number	UN1263
14.2. Proper shipping name	Paint
14.3. Hazard Class	3
14.4. Packing Group	III
Description	UN1263, Paint, 3, III
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

IATA

14.1. UN-Number	UN1263
14.2. Proper Shipping Name	Paint
14.3. Hazard Class	3
14.4. Packing Group	III
Description	UN1263, Paint, 3, III
14.5. Environmental hazard	None.
14.6. Special Provisions	None.
ERG Code	3L

Section 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories

TSCA	-
EINECS/ELINCS	-
DSL/NDSL	-
PICCS	-
ENCS	-
IECSC	-
AICS	-
KECL	-

Legend
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment
No information available

Section 16. Other information

Full text of R-phrases referred to under Sections 2 and 3
R11 - Highly flammable
R67 - Vapors may cause drowsiness and dizziness
R41 - Risk of serious damage to eyes
R36 - Irritating to eyes
R10 - Flammable
R61 - May cause harm to the unborn child

R36/37/38 - Irritating to eyes, respiratory system and skin

Full text of H-Statements referred to under sections 2 and 3
H226 - Flammable liquid and vapor
H336 - May cause drowsiness or dizziness
H319 - Causes serious eye irritation
H225 - Highly flammable liquid and vapor
H318 - Causes serious eye damage
H315 - Causes skin irritation
H360D - May damage the unborn child
H335 - May cause respiratory irritation
H360 - May damage fertility or the unborn child
H402 - Harmful to aquatic life
EUH210 - Safety data sheet available on request

Key literature references and sources for data
www.ChemADVISOR.com/

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This safety data sheet complies with the requirements of Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006

General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet