



SAFETY DATA SHEET

Issue Date 13-Nov-2018

Revision Date 24-Aug-2020

Version 3

LR

Liquid Release

1. IDENTIFICATION

Product identifier**Product Name** Liquid Release**Other means of identification****Product Code** LR**Recommended use of the chemical and restrictions on use****Recommended Use** Restricted to professional users.**Uses advised against** Consumer use**Details of the supplier of the safety data sheet**

Supplier Address
 Solomon Colors, Inc.
 4050 Color Plant Road
 Springfield, IL
 62702

Manufacturer Address
 Solomon Colors, Inc.
 4050 Color Plant Road
 Springfield, IL
 62702

Company Phone Number 800-624-0261 (US & Canada); 217-522-3112 (Outside North America)**24 Hour Emergency Phone Number** 800-373-7542

2. HAZARDS IDENTIFICATION

Classification**OSHA Regulatory Status**

This product is classified as hazardous according to the criteria contained in the Hazard Communication Standard 29 CFR 1910.1200 (known as HCS 2012) and the Hazardous Products Regulations SOR/2015-17 (known as WHMIS 2015).

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1A
Aspiration toxicity	Category 1
Flammable liquids	Category 4

Label elements**Emergency Overview****Danger****Hazard statements**

Causes skin irritation
 Causes serious eye irritation
 May cause an allergic skin reaction
 May be fatal if swallowed and enters airways
 Combustible liquid

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Liquid Release

**Appearance** Colorless to Pale Yellow**Physical state** Liquid**Odor** Petroleum distillates**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Contaminated work clothing must not be allowed out of the workplace
 Wear protective gloves/eye protection/face protection

Precautionary Statements - Response

Specific treatment see section 4 of the SDS.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention

Take off contaminated clothing and wash it before reuse

IF SWALLOWED: Immediately call a POISON CENTER or doctor

Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)**Other Information****3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%	Trade Secret
Isoalkanes, C10-13	68551-17-7	>98	*
C9-11 Isoalkanes	68551-16-6	>98	*
Tall Oil Fatty Acids	61790-12-3	< 1	*
Amyl acetate	628-63-7	< 0.5	*
Methyl Salicylate	119-36-8	< 0.15	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**Description of first aid measures****General advice**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Do not rub affected area.

Skin Contact

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. In the case of skin irritation or allergic reactions see a physician.

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.

Ingestion

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Most important symptoms and effects, both acute and delayed

Symptoms

Causes skin and eye irritation. May cause an allergic skin reaction. May be fatal if swallowed and enters airways.

Indication of any immediate medical attention and special treatment needed

Note to physicians

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry chemical, Carbon Dioxide, Foam, Sand. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

Combustible material. Keep product and empty container away from heat and sources of ignition.

Hazardous combustion products Thermal decomposition can lead to the release of irritating gases and vapors. Carbon oxides.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas.

Other Information

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded.

Environmental precautions

Environmental precautions

See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Methods for cleaning up

Use clean non-sparking tools to collect absorbed material. Ground and bond containers when transferring material. Dike to collect large liquid spills.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Never pierce, drill, grind, cut, saw or weld any empty container.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep container tightly closed in a dry and well-ventilated place. Do not store near combustible materials. Use spark-proof tools and explosion-proof equipment.

Incompatible materials

Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Amyl acetate 628-63-7	STEL: 100 ppm TWA: 50 ppm	TWA: 100 ppm TWA: 525 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m ³	IDLH: 1000 ppm TWA: 100 ppm TWA: 525 mg/m ³

NIOSH IDLH Immediately Dangerous to Life or Health

Other Information

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection

Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin and body protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state

Liquid

Appearance	Colorless to Pale Yellow	Odor	Petroleum distillates
Color	Colorless to Pale Yellow	Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point/freezing point	No information available	
Boiling point / boiling range	161.6 °C / 322.8 °F	
Flash point	80.0 °C / 176.0 °F	
Evaporation rate	< 1 (BuAc=1)	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		(main component)
Upper flammability limit:	5.4%	
Lower flammability limit:	0.7%	
Vapor pressure	0.53 mm Hg@ 20°C (main component)	
Vapor density	3-5.4 (Air=1)	
Specific Gravity	No information available	
Water solubility	No information available	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	336-343 °C / 637-650 °F	(main component)
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	6.23 lbs/gal

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

Strong oxidizing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	The product is classified based on the mixture components.
Inhalation	Avoid breathing vapors or mists.
Eye contact	Avoid contact with eyes. Contact with eyes may cause irritation.
Skin Contact	Irritating to skin.
Ingestion	May be harmful if swallowed. Do not ingest. If swallowed then seek immediate medical assistance.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Tall Oil Fatty Acids 61790-12-3	> 10000 mg/kg (Rat)	-	-
Amyl acetate 628-63-7	= 6500 mg/kg (Rat) > 1600 mg/kg (Rat)	-	-
Methyl Salicylate 119-36-8	= 887 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-

Information on toxicological effects

Symptoms Causes skin and eye irritation. May cause an allergic skin reaction. May be fatal if swallowed and enters airways.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Skin Irritation Cat 2. (based on mixture components).
Serious eye damage/eye irritation	Eye Irritation Cat 2. Causes serious eye irritation. (Classification based on mixture components).
Sensitization	Skin Sensitizer Cat 1. May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified. (Based on mixture components).
Carcinogenicity	This product is not known to contain carcinogens at levels greater than or equal to 0.1%.
Legend	<i>IARC (International Agency for Research on Cancer)</i> <i>Group 3 - Not Classifiable as to Carcinogenicity in Humans</i> <i>OSHA (Occupational Safety and Health Administration of the US Department of Labor)</i> <i>X - Present</i>
Reproductive toxicity	Not classified. (Based on mixture components).
STOT - single exposure	Not classified. (Based on mixture components).
STOT - repeated exposure	Not classified. (Based on mixture components).
Aspiration hazard	May be fatal if swallowed and enters airways.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	> 5000 mg/kg
ATEmix (dermal)	> 5000 mg/kg
ATEmix (inhalation-dust/mist)	> 20 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

This product has not been fully evaluated on the product level.

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	Partition coefficient
Tall Oil Fatty Acids 61790-12-3	5.98
Methyl Salicylate 119-36-8	2.55

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

Chemical Name	California Hazardous Waste Status
Amyl acetate 628-63-7	Toxic Ignitable

14. TRANSPORT INFORMATION

DOT Not regulated in a container less than 119 gallons
UN/ID no. UN1268
Proper shipping name Petroleum Distillates
Hazard Class Combustible Liquid
Packing Group III
Emergency Response Guide Number 128

TDG Not regulated (If shipped in NON BULK packaging by ground transport)
UN/ID no. UN1268
Proper shipping name Petroleum distillates
Hazard Class liquide combustible
Packing Group III

MEX Not regulated (If shipped in NON BULK packaging by ground transport)
UN/ID no. UN1268
Proper shipping name Petroleum distillates
Hazard Class Combustible Liquid
Packing Group III

ICAO (air)
UN/ID no. UN1268
Proper shipping name Petroleum Distillates
Hazard Class 3
Packing Group III

IATA
UN/ID no. UN1268
Proper shipping name Petroleum distillates
Hazard Class 3
Packing Group III

IMDG
UN/ID no. UN1268
Proper shipping name Petroleum Distillates
Hazard Class 3
Packing Group III

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDL	Complies
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

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

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

See section 2 for more information

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Amyl acetate 628-63-7	5000 lb	-	-	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Amyl acetate 628-63-7	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Amyl acetate 628-63-7	X	X	X
Methyl Salicylate 119-36-8	-	-	X
Benzaldehyde 100-52-7	X	X	X

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<u>NFPA</u>	Health hazards	3	Flammability	2	Reactivity	0	Physical and Chemical Properties	-
<u>HMIS</u>	Health hazards	3	Flammability	2	Physical hazards	0	Personal protection	X

Prepared By	Solomon Colors - Lab Technical Services
Issue Date	13-Nov-2018
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Revision Note	
Periodic Review	

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet