# SAFETY DATA SHEET



# 1. Identification

Product identifier Basecoat Converter

Other means of identification

Product code RS-3689
Recommended use Additive

**Recommended restrictions** No other uses are advised. **Manufacturer/Importer/Supplier/Distributor information** 

Manufacturer

Company name Medallion Refinish System
Address 5751 N. Webster Street
Dayton, OH 45414

**United States** 

Telephone TECH SUPPORT 937-890-6547

SALES 937-890-6547 PHONE 800-257-6547

Website www.medallion.omnispear.com

E-mail info@rubber-seal.net

Emergency phone number MAIN OFFICE: M-F 800-257-6547

7:45am-4:30pm

EMERGENCY 24 Hrs. 800-424-9300 ChemTrec

# 2. Hazard(s) identification

Physical hazardsFlammable liquidsCategory 2Health hazardsAcute toxicity, inhalationCategory 3Skin corrosion/irritationCategory 2

Serious eye damage/eye irritation Category 1

Specific target organ toxicity, single exposure Category 3 narcotic effects

Environmental hazards Hazardous to the aquatic environment, acute Category 3

hazard

Hazardous to the aquatic environment, Category 3

long-term hazard

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Highly flammable liquid and vapor. Causes skin irritation. Causes serious eye damage. Toxic if

inhaled. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.

**Precautionary statement** 

**Prevention** Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly

closed. Ground/bond container and receiving equipment. Use explosion-proof

electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear

protective gloves/eye protection/face protection.

Material name: Basecoat Converter sps us

#### Response

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish.

Storage Disposal Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Hazard(s) not otherwise

Dispose of contents/container in accordance with local/regional/national/international regulations.

classified (HNOC) Supplemental information Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

20.43% of the mixture consists of component(s) of unknown acute oral toxicity. 89.43% of the mixture consists of component(s) of unknown acute dermal toxicity. 30.43% of the mixture consists of component(s) of unknown acute inhalation toxicity. 20.43% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 20.43% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

# 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
N-Butyl Acetate		123-86-4	60 - < 70
N-Butyl Alcohol		71-36-3	10 - < 20
Glycol Ether PM Acetate		108-65-6	5 - < 10
Silica		7631-86-9	< 0.2
Silica, amorphous, precipitated and gel		112926-00-8	< 0.2

<sup>\*</sup>Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

observation. Symptoms may be delayed.

# 4. First-aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTER or doctor/physician.

Skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation.

Ingestion

Rinse mouth. Get medical attention if symptoms occur.

Most important

symptoms/effects, acute and delayed

Indication of immediate medical attention and special treatment needed

damage including blindness could result. Skin irritation. May cause redness and pain. Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye

**General information** 

Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

# 5. Fire-fighting measures

Suitable extinguishing media

Water fog. Alcohol resistant foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.

Material name: Basecoat Converter

Special protective equipment and precautions for firefighters

Fire fighting equipment/instructions

Specific methods

General fire hazards

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Use standard firefighting procedures and consider the hazards of other involved materials.

Highly flammable liquid and vapor.

## 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Methods and materials for containment and cleaning up

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Use water spray to reduce vapors or divert vapor cloud drift. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

## **Environmental precautions**

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

## 7. Handling and storage

## Precautions for safe handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not get this material in contact with eyes. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

# Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

Material name: Basecoat Converter sps us

# 8. Exposure controls/personal protection

#### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

110	VH5U	Table 7	1 Limite	for Air	Contaminants	/29 CED	1010 1000\
US.	USHA	Table Z	·I LIIIIIIS	IOF AIF	Contaminants	129 GFR	1910.10001

Components	Туре	Value	
N-Butyl Acetate (CAS 123-86-4)	PEL	710 mg/m3	
		150 ppm	
N-Butyl Alcohol (CAS 71-36-3)	PEL	300 mg/m3	
·		100 ppm	
US. ACGIH Threshold Limit Value	es		
Components	Туре	Value	
N-Butyl Acetate (CAS 123-86-4)	STEL	150 ppm	
,	TWA	50 ppm	
N-Butyl Alcohol (CAS 71-36-3)	TWA	20 ppm	
US. NIOSH: Pocket Guide to Che	mical Hazards		
Components	Туре	Value	
N-Butyl Acetate (CAS 123-86-4)	STEL	950 mg/m3	
,		200 ppm	
	TWA	710 mg/m3	
		150 ppm	
N-Butyl Alcohol (CAS 71-36-3)	Ceiling	150 mg/m3	
,		50 ppm	
US. Workplace Environmental Ex	posure Level (WEEL) Guides		
Components	Туре	Value	
Glycol Ether PM Acetate (CAS 108-65-6)	TWA	50 ppm	

**Biological limit values** 

No biological exposure limits noted for the ingredient(s).

## **Exposure guidelines**

US - California OELs: Skin designation

Glycol Ether PM Acetate (CAS 108-65-6)

N-Butyl Alcohol (CAS 71-36-3)

Can be absorbed through the skin.

Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

N-Butyl Alcohol (CAS 71-36-3) Skin designation applies.

**US - Tennessee OELs: Skin designation** 

N-Butyl Alcohol (CAS 71-36-3)

Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin designation

N-Butyl Alcohol (CAS 71-36-3)

Can be absorbed through the skin.

Appropriate engineering

controls

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

Individual protection measures, such as personal protective equipment

**Eye/face protection** Chemical respirator with organic vapor cartridge and full facepiece.

Skin protection

Hand protection Wear appropriate chemical resistant gloves.Other Wear appropriate chemical resistant clothing.

**Respiratory protection** Chemical respirator with organic vapor cartridge and full facepiece.

Material name: Basecoat Converter

RS-3689 Version #: 02 Revision date: 03-22-2017 Issue date: 07-29-2015

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.







# General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

# 9. Physical and chemical properties

**Appearance** 

Physical state Liquid.
Form Liquid.
Color Milky
Odor Solvent.
Odor threshold Not available.

pH Not available.

Melting point/freezing point -129.64 °F (-89.8 °C) estimated

Melting point/freezing point Initial boiling point and boiling

243.86 °F (117.7 °C) estimated

range

Flash point 71.6 °F (22.0 °C) estimated

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower

1.4 % estimated

(%)

Flammability limit - upper

11.3 % estimated

(%)

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure 13.79 hPa estimated

Vapor density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature 650 °F (343.33 °C) estimated

Decomposition temperatureNot available.ViscosityNot available.

Other information

Specific gravity

**Density** 0.88 g/cm3 estimated

**Explosive properties** Not explosive.

Flammability class Flammable IB estimated

Oxidizing properties Not oxidizing.

Percent volatile 85.8 w/w % By Weight 88.83 v/v % By Volume

0.88 estimated

10. Stability and reactivity

**Reactivity**The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Material name: Basecoat Converter
RS-3689 Version #: 02 Revision date: 03-22-2017 Issue date: 07-29-2015

SDS US

Possibility of hazardous

reactions

Hazardous polymerization does not occur.

Conditions to avoid Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the

flash point. Contact with incompatible materials.

Incompatible materials Strong oxidizing agents. Nitrates. Alkaline metals.

Hazardous decomposition

products

No hazardous decomposition products are known.

# 11. Toxicological information

#### Information on likely routes of exposure

**Inhalation** Toxic if inhaled. May cause drowsiness and dizziness. Headache. Nausea, vomiting.

**Skin contact** Causes skin irritation.

**Eye contact** Causes serious eye damage.

**Ingestion** Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity Toxic if inhaled.

Components Species Test Results

N-Butyl Alcohol (CAS 71-36-3)

<u>Acute</u>

**Dermal** 

LD50 Rabbit 3400 mg/kg

Oral

LD50 Rat 790 mg/kg

**Skin corrosion/irritation** Causes skin irritation.

Serious eve damage/eve

irritation

Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

Causes serious eye damage.

**Germ cell mutagenicity**No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

**Carcinogenicity** Not classifiable as to carcinogenicity to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity -

single exposure

May cause drowsiness and dizziness.

Specific target organ toxicity -

repeated exposure

Not classified.

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects** Prolonged inhalation may be harmful.

# 12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Material name: Basecoat Converter
RS-3689 Version #: 02 Revision date: 03-22-2017 Issue date: 07-29-2015

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

**Test Results** Components **Species** 

N-Butyl Acetate (CAS 123-86-4)

Aquatic

LC50 Fathead minnow (Pimephales promelas) 17 - 19 mg/l, 96 hours Fish

N-Butyl Alcohol (CAS 71-36-3)

**Aquatic** 

Crustacea EC50 Water flea (Daphnia magna) 1897 - 2072 mg/l, 48 hours Fish LC50 Bluegill (Lepomis macrochirus) 100 - 500 mg/l, 96 hours

## Persistence and degradability

#### Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

1.78 N-Butyl Acetate 88.0 N-Butyl Alcohol

Mobility in soil No data available.

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation Other adverse effects

potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow

this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches

with chemical or used container. Dispose of contents/container in accordance with

local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some

product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

# 14. Transport information

The following transportation information is provided based on the manufacturer's interpretation of shipping regulations. Each shipper is responsible for identifying, naming, marking, and labeling prior to offering for transport.

DOT

**UN** number UN1263

**UN proper shipping name** 

Transport hazard class(es)

Paint related material including paint thinning, drying, removing, or reducing compound

Class 3 Subsidiary risk 3 Label(s) Ш Packing group

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

149, B52, IB2, T4, TP1, TP8, TP28 Special provisions

150 Packaging exceptions Packaging non bulk 173 242 Packaging bulk

IATA

**UN number** UN1263

Paint related material (including paint thinning or reducing compounds) UN proper shipping name

Transport hazard class(es)

Class 3 Subsidiary risk Packing group Ш **Environmental hazards** No. **ERG Code** 3L

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo Allowed with restrictions.

aircraft

Cargo aircraft only Allowed with restrictions.

**IMDG** 

UN number UN1263

UN proper shipping name PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid

lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)

Transport hazard class(es)

Class 3
Subsidiary risk Packing group ||

Environmental hazards

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Not established.

Transport in bulk according to Annex II of MARPOL 73/78 and

the IBC Code

DOT



IATA; IMDG



# 15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)** 

N-Butyl Acetate (CAS 123-86-4) Listed. N-Butyl Alcohol (CAS 71-36-3) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Material name: Basecoat Converter

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

No

Hazard categories Immediate Hazard - Yes

Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No

## SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous

chemical

SARA 313 (TRI reporting)

 Chemical name
 CAS number
 % by wt.

 N-Butyl Alcohol
 71-36-3
 10 - < 20</td>

## Other federal regulations

## Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

## Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act

Not regulated.

(SDWA)

#### FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

N-Butyl Acetate (CAS 123-86-4) Low priority N-Butyl Alcohol (CAS 71-36-3) Low priority

Inventory name

US state regulations California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material

is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

## **International Inventories**

Country(s) or region

Australia Australian Inventory of Chemical Substances (AICS)	) Yes
Canada Domestic Substances List (DSL)	Yes
Canada Non-Domestic Substances List (NDSL)	No
China Inventory of Existing Chemical Substances in China	(IECSC) Yes
European Inventory of Existing Commercial Chemical Substances (EINECS)	al No
Europe European List of Notified Chemical Substances (ELI	NCS) No
Japan Inventory of Existing and New Chemical Substances	s (ENCS) No
Korea Existing Chemicals List (ECL)	Yes
New Zealand Inventory	Yes
Philippines Philippine Inventory of Chemicals and Chemical Sub (PICCS)	ostances Yes
United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory	No

<sup>\*</sup>A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

# 16. Other information, including date of preparation or last revision

 Issue date
 07-29-2015

 Revision date
 03-22-2017

Version # 02

**Disclaimer** Medallion Refinish System cannot anticipate all conditions under which this information and its

product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.

**Revision information**This document has undergone significant changes and should be reviewed in its entirety.

Material name: Basecoat Converter sps us

On inventory (yes/ne)\*