



# SAFETY DATA SHEET

Date Issued- 6/1/2015
SDS no.

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT DESCRIPTION</b>	LIPPRITE®
<b>CHEMICAL NAME</b>	Abrasive Nonwoven
<b>GENERAL USE</b>	Surface cleaning, oxide removal, decorative finishes and light deburring
<b>MANUFACTURER ADDRESS</b>	Osborn 3440 Symmes Rd. Hamilton OH 45015 USA
<b>CONTACT NUMBER</b>	
<b>EMERGENCY CONTACT</b>	PLANT OPERATIONS
<b>EMERGENCY PHONE</b>	
<b>24 HOUR EMERGENCY</b>	
<b>TELEPHONE NUMBER</b>	CHEMTREC (24 HOURS) 800-424-9300

## 2. HAZARD IDENTIFICATION

### EMERGENCY OVERVIEW

#### IMMEDIATE CONCERNS

Following recommendations are fundamental rules with respect to dust and other particles emitted during the grinding operation. They must be heeded as well as the information in the safety data sheets relating to the material to be ground and the cooling lubricant used.

### POTENTIAL HEALTH EFFECTS

Eye:	May cause eye irritation
Skin	May cause mild skin irritation
Ingestion	Large oral doses may cause irritation
Inhalation	Avoid breathing dust when used in a buffing process
Chronic	None expected

### GHS Label requirements

Pictogram -- None  
Signal Word--- None

### Hazard Statement

### Precautionary Statements

P261	Avoid breathing dust from buffing operations
P280	Wear protective gloves/protective clothing/eye protection/ face protection
P304+ P340	If inhaled: Remove person to fresh air and keep comfortable for breathing
P305+P351	If in eyes: Wash cautiously with water for 15 minutes.

### 3. COMPOSITION/INGREDIENT INFORMATION

Ingredients	CAS		Weight %
Silicon Carbide* - SiC	409-21-2		Depends of the density
Aluminium Oxide* - Al <sub>2</sub> O <sub>3</sub>	1344-28-1		Depends of the density
Phenolic paper tubes		Not Hazardous	Depends of the density

\* They are an alternative of the other one

### 4. FIRST AID MEASURES

<b>Inhalation</b>	Leave the danger zone and if the symptoms persist seek medical assistance.
<b>Skin Contact</b>	Wash with soap and water. Get medical attention if irritation or rash develop.
<b>Eye Contact</b>	Immediately flush eyes with plenty of water for 15 minutes. If abrasive particles are not removed, obtain medical attention.
<b>Ingestion</b>	For larger amounts do not induce vomiting, but give of water and obtain medical advice.

### 5. FIRE FIGHTING MEASURES

<b>Flash Point</b>	Not applicable for LIPPRITE® but for greasy grinding dust.
<b>Extinguishing Media</b>	Water, extinguishing powder, extinguishing foam, sand, CO <sub>2</sub> , depending on the conditions, special attention must be given to re-ignition.
<b>Fire fighting Procedure</b>	Remove ignition source and fight fire as if it were a grease fire.
<b>Special Protective Equipment</b>	Protective equipment for fire-fighters: Full emergency equipment with self-contained breathing apparatus must be worn.
<b>Hazardous Combustion Products</b>	If heated to high temperature the product may emit carbon monoxide and carbon dioxide

### 6 ACCIDENTAL RELEASE MEASURES

**Environmental Precautions** None known

**Methods for Clean up** The dust arising is largely created by the stock removal and the abrasive composition applied. Sufficient extraction must be installed.

### 7. HANDLING AND STORAGE

**Handling** Ensure that LIPPRITE® tools are not damaged in any way so that they may break when under load in an application.

**Storage** Protect LIPPRITE® from rain and extreme temperatures.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Limit Values</b>	10 mg/ m3 as dust
<b>Engineering Measures</b>	Ventilation to keep dust level at exposure limits
<b>Hygiene Measures</b>	
<b>Respiratory Protection</b> <b>Hand Protection</b> <b>Eye Protection</b> <b>Skin Protection</b>	Wear a dust mask Wear gloves Wear safety glasses with side shields or goggles Wash with soap and water before eating or after shift

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Solid	<b>Solubility in Water</b>	N/A
<b>Color</b>	SiC - grey Al2O3 - brown	<b>Flash Point</b>	N/A
<b>Boiling Point</b>	N/A	<b>Vapor Density</b>	N/A
<b>Melting Point</b>	N/A	<b>Evaporation Rate</b>	N/A
<b>Specific Gravity</b>	N/A	<b>Odor</b>	Almost no smell
<b>pH</b>	N/A	<b>VOC</b>	
<b>Autoignition Temperature</b>	N/A		

*These materials are multi component bonded fiber abrasive fabrics, not chemicals.*

*Therefore most clauses above and below are not relevant.*

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	N/A
<b>Conditions to Avoid</b>	Extreme heat
<b>Incompatible Materials</b>	Strong acids and bases, strong oxidants and solvents that could change the mechanical features of the LIPPRITE® create danger when used on a finishing machine.
<b>Hazardous Decomposition Products</b>	None if used for specified purpose.
<b>Hazardous Polymerization</b>	Will Not occur

## 11. TOXICOLOGICAL INFORMATION

<b>Eyes</b>	May cause irritation from abrasion.
<b>Skin Contact</b>	May cause irritation
<b>Skin Absorption</b>	Not likely
<b>Inhalation</b>	Dust form buffing operation may cause irritation
<b>Swallowing</b>	No adverse effect is expected

## 12. ECOLOGICAL INFORMATION

**Ecological Information** No data available

**Bioaccumulative Potential** No data available

**Comments**

## 13. DISPOSAL CONSIDERATIONS

**General**

LIPPRITE® are inert products made of abrasive nonwoven filaments including abrasives and synthetic bonding. The described abrasive tools are non-hazardous materials or preparations per EU directive 88/379 and do not create any risk during handling or storage. When used on grinding machines special safety precautions are necessary to protect the user. The dust arising is largely created by the stock removal and the abrasive composition applied. Sufficient extraction must be installed.

**Packaging**

Protect LIPPRITE® from rain and extreme temperatures. Ensure that LIPPRITE® tools are not damaged in any way so that they may break when under load in an application

## 14. TRANSPORTATION INFORMATION

**DOT** Not regulated

**IMDG Classification** Not regulated

**ICAO Classification** Not regulated

## 15. REGULATORY INFORMATION

EU regulations:

None – also not necessary to record according to EU directives 88/379 ENG.

If necessary pay attention to national or local regulations.

## 16. OTHER INFORMATION

**Revision Number**

**Supersedes Date** 01/06/2015

**HMIS Rating** 1-0-0-0

**Manufacturer Disclaimer**

The details given are based on our present level of knowledge and experience. The safety data sheet describes the products with respect to safety requirements. These details are not to be considered as a guarantee.