

Material Safety Data Sheet

1. Product Identification and Company Identification

Commercial Product Name: SUITSEAL PERMANENT HOLE AND RIP REPAIR

Style Item No: Suitseal Repair Kit

Company Name: NORTHERN DIVER (INT) LTD.

2. Composition and Hazardous components

Hazardous Components Name	Concentration / Percentag	CAS-No.	Hazaard Symbols
Chloroprene Rubber	25%	69028-37-1	
Cyclohexane	25%	110-82-7	3
Acetone	20%	67-64-1	3
Ethyl Acetate	30%	141-78-6	3

3. Hazards Identification

Eyes: Causes severe eye irritation.

Skin: May cause mild skin irritation.

Inhalation: May be harmful if inhaled. Vapor may cause irritation of nose, throat and lungs.

Ingestion: Harmful if swallowed.

Hazard Warmings for health: Headache, dizziness, vomit and drowsiness.

Hazard Warmings for Environment: Air pollution and water pollution by organic solvent.

Physical and Chemical Dangerous: Flaming and explosive organice solvent.

4. First Aid Measures

Eyes: Remove contact lenses. Flush with plenty of water or saline for 15 minutes. Get medical aid.

Skin: Wash skin with soap and water for 15 minutes. Get medical aid if symptoms persist.

Inhalation: Immediately remove from exposure to fresh air.

Ingestion: If swallowed, avoid prolonged, do not induce vomiting and call a physician immediately.

5. Fire Fighting Measures

Extinguishing Media: Use dry chemical powder, carbon dioxide, or chemical foams.

Protection Equipment: Wear respiratory protection equipment.

Will burn if involved in a fire. Vapors may form an explosive mixture with air. Vapors can travel to source of ignition and flash back

6. Accidental Release Measures

Personal Protection: Wear respirator, rubber gloves, goggles and protective clothing.

Environmental Protection: Prevent entry into the sewage system.

Spill Procedure: Remove all sources of ignition. Provide adequate ventilation. Wear appropriate personal protection. Sprinkle absorbent compound onto spill, then sweep into a plastic or metal container.

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Wipe up residue with further paper towel and place in container. Wash spill area with soap and water. Steps to be taken in case material is released or spilled: Absorb with dry sand or other inert material then transfer to suitable container should follow all regulation or an authorized waste collector in your country.

7. Handling and Storage

Operating Temperature: 40 °C-10 °C

Handling: Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale.

Ensure efficient exhaust ventilation in the working area. Prevent form breathing of vapor or swallowing it.

Use only in well-ventilated area and do not expose container to heat or flame.

Storage: Flammable. Keep away from sources of ignition-- No smoking. Store in a cool, dry, well ventilated area.

Storage Temperature: Max 40 °C, Min 5 °C and indoor.

Keep away from children.

8. Exposure Controls / Personal protection

Routes of entry: Eyes, ingestion, inhalation, and skin.

Ventilation: Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.

Personal Protection: Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact.

Hand protection: Respiratory protection required in insufficiently ventilated working area.

Avoid contact with skin and eyes and the inhalation of vapor. Change contaminated or soaked clothing. Wash Hands before breaks and at end of work.

9. Physical and Chemical Properties

Form	Liquid	Color	low-brown liquid
Boiling Point(°C)	70-80	Specific Gravity (H ₂ O=1)	0.75-0.85
Vapor Pressure	N.A.	Hazardous Polymerization	Will not occur
Vapor Density (Air=1)	N.A.	Solubility in Water	Insoluble
Stability	Stable	Explosion Limits	7.5 %V/V
Odor	Solvent odor	Flash Point (Close cup)	-5 °C

10. Stability and Reactivity

Stability: Stable at normal temperatures and pressures.

Conditions avoidance: Keep away from flame.

Incompatibility: Strong alkalis and strong acids.

Special Conditions of Hazardous Reaction: Decomposed at high temperature.

Hazardous Decomposition products: formation of combustible and noxious fumes during thermal decomposition.

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11. Toxicological Information

Evaporation of solvents may cause irritation to eyes and mucous membranes.

Solvents may degrease the skin. Prolonged skin contact may cause dermatitis.

May cause allergic reaction in some individuals. Harmful or fatal if snuffed, or swallowed.

Further information: Health injuries are not known or expected under normal use.

12. Ecological Information

Avoid runoff into storms and sewers which lead into waterways.

Slightly water contaminating

Do not flush into surface water or sanitary sewer system.

Waste from residues/ unused products

Can be incinerated, when in compliance with the Environment Protection Act 1900 (Process Guidance Note IPR 5/1) Empty remaining contents. Contaminated packaging.

13. Disposal Information

Dispose of in accordance with all local, provincial, state, and federal regulations.

Empty container: May contain explosive vapors. Do not cut , puncture or weld on or nearby.

Steps to be taken in case material is released or spilled: Absorb with dry sand or other inert material then transfer to suitable container should follow all regulation or an authorized waste collector in your country.

14. Transportation Information

Special Transport Way and Note: Keep away from foodstuffs, acids and alkalis.

Put between 5 °C and 40 °C. The data provided in this section is for information only and may not be specific to your package size. You will need to apply the appropriate regulations to properly classify your shipment for transportation. Non-Regulated.

SPECIAL HAZARD DESIGNATION

HMIS	NFPA	HAZARD RATING
HEALTH: 2	2	0 - MINIMAL
FLAMMABILITY: 3	3	1 - SLIGHT
REACTIVITY: 0	1	2 - MODERATE
PROTECTIVE		3 - SERIOUS
EQUIPMENT: B - H		4 - SEVERE

B = Eye, Hand/Skin (for normal solvent-welding/spill clean-up activities)

H = Eye, Hand/Skin, Respiratory Protection and Impermeable Apron (splash/immersion risks)

BULK SHIPPING INFORMATION / CONTAINERS LARGER THAN ONE LITER

DOT Shipping Name: Adhesive

DOT Hazard Class: 3

Identification Number: UN 1133

Packaging Group: II

Label Required: Flammable Liquid

SHIPPING INFORMATION FOR CONTAINERS LESS THAN ONE LITER

DOT Shipping Name: Consumer Commodity

DOT Hazard Class: ORM-D immersion risks

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15. Regulatory Information



Labeling in accordance with directive Directive 99/45/CE

Symbol: F, hazard description: highly flammable

R11: Highly flammable.

R36: Irritant to eyes

R66: Repeated exposure may cause skin dryness or cracking

R67: Vapours may cause drowsiness and dizziness

S2: Keep out of the reach of children

S16: Keep away from sources of ignition- No smoking

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S46: If swallowed, seek medical advice immediately and show this container or label.

VbF (German Regulation of Flammable Liquids): Class, AI

Avoid contacting with skin, eyes. Prevent form breathing of vapor or swallowing it.

Use only in well-ventilated area and far away from flame and fire.

Keep away from children.

Classification according to Dangerous Product Regulations incl. - Directive 99/45/CE

VOC 1999/13/EC - 84% w/w

VbF (German Regulation of Flammable Liquids): Class, AI

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 0910.1200)

16. Other Information

This material safety data sheet is provided as a information resource only, and correct to the best of our knowledge, information and belief at the data of its publication, given is designed only as guidance for safe handling, use, processing , storage, transportation. The information contained disposal and release and is not to be considered a warranty or quality specification. Before any product is used, the label should be carefully read and the current safety literature and information consulted.