

# MATERIAL SAFETY DATA SHEET

## SUPPLIER INFORMATION

### SUPPLIER NAME & ADDRESS

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## 1.0 IDENTIFICATION

CHEMICAL NAME: Clad WT Jacketing CAS NO. N/A  
TRADE NAME: K-FLEX Clad® White Jacketing

## 2.0 SPECIAL REGULATORY HAZARDS

GENERAL INFORMATION: Low risk: Product can only form ignitable mixtures or burn if it is heated to temperatures above 210°C (410°F). WARMING: When warming the product e.g. when welding, sufficient ventilation should be provided. In certain cases, extractor-fans should be installed directly on the machines. OVERHEATING: Incorrect processing of PVC and polyester can lead to the formation of low molecular decomposition products. It is therefore important to prevent overheating of the molten material. FIRE HAZARD: Toxic gases are produced during burning. SPARKING: Risk of electrostatic charging. Product can be electro statically charged, which can lead to an ignitable electrical discharge. All production machines must be grounded correctly. DANGER OF SLIPPING: Films lying on the floor can cause a danger of slipping. DANGER OF SLIPPING: Films lying on the floor can cause a danger of slipping.

## 3.0 PHYSICAL DATA

FLEXIBLE LAMINATED OF FOLLOWING COMPOSITION: PETP film, Adhesive, PVC-film. FORM: Solid, flexible.  
COLOR: Metallic, white. ODOR: Odorless.

## 4.0 FIRE-FIGHTING MEASURES

HAZARDOUS GASES: Combustion or thermal decomposition will involve toxic and corrosive vapors: Carbon monoxide (CO), Hydrochloric acid, carbon dioxide and other organic compounds. EXTINGUISHING MEDIA: Water, foam, dry powder, Carbon dioxide. FIRE-FIGHTING PROTECTIVE-EQUIPMENT: In the presence of combustion or carbonization gases, any fire-fighting, rescue and clearing up activities should be undertaken only with heavy-duty respiratory and eye protection equipment.

## 5.0 STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY: Stable up to 200°C (392°F). THERMAL DECOMPOSITION: Temperatures above 300°C (572°F) lead to the decomposition of the polymers. HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition products are toxic and corrosive: Hydrocarbons, Carbon dioxide, Carbon monoxide, Smoke, Hydrochloric acid. HAZARDOUS REACTIONS: Plants under controlled conditions. Work according to the local and national in force directives.

## 6.0 LIMITATION OF EXPOSURE AND PROTECTIVE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** If contact with hot material is possible, wear heat proof gloves, face shields. If the ambient air concentrations exceed the above mentioned normal value in spite of the technical safety measures, further measures should be taken to extract the fumes. In other cases (where not possible), wear respiratory protection equipment. **HYGIENE MEASURE:** With sufficient ventilation on the working area and correct handling and processing no health risks are to be expected. **RESPIRATORY:** Not necessary at ambient air temperature. **EYE PROTECTION:** Particular precautions are not necessary. **HAND PROTECTION:** Wear gloves. **SKIN PROTECTION:** Particular precautions are not necessary apart hand protection.

## 7.0 HANDLING AND STORAGE

**HANDLING:** Avoid contact with naked flames and hot surfaces as irritant and toxic decomposition products can be formed. **STORAGE TEMPERATURE:** Ambient temperature. **TRANSPORT TEMPERATURE:** Ambient temperature. **LOADING AND UNLOADING TEMPERATURE:** Ambient temperature. **STORAGE TEMPERATURE:** Ambient temperature. **RISK OF ELECTROSTATIC CHARGING:** Take measures against electrostatic charging. **NORMAL FORM OF TRANSPORTATION:** On pallets or goods wagons. **SAFE STORAGE:** Storage on pallets in dry, enclosed rooms with solid foundation. Stack loose bales in containers, racks or secure using wedges. Pallets with lying bales must not be stacked. Upright bales can be stacked up to a maximum height of 3 m. high. Stack products in cardboard boxes up to a maximum height of 5.5 m.

## 8.0 HEALTH RELATED DATA / FIRST AID MEASURES

<b>Skin</b>	<b>WITH HOT PRODUCT:</b> Cool the affected areas with plenty of cold water. Cover a clean cloth or sterile gauze and call immediate for medical help. Do not try to remove the product from the skin or remove soiled clothing as this may cause the injured skin tissue to be torn off.
<b>Eye</b>	This product is an inert solid. In case particles come into the eye, remove by irrigating with eye wash solution or clean water, holding the eyelids apart. Obtain medical attention.
<b>Ingestion</b>	First aid is normally not necessary.
<b>Inhalation</b>	<b>INHALATION OF FUMES:</b> Remove patient from exposure, keep warm and at rest. Use suitable respiratory protection measures. If breathing is irregular or if it has stopped, proceed with artificial respiration. Obtain medical attention.

## 9.0 NOTES ON TRANSPORT

**LAND TRANSPORT:** GGVS/GGVE: Non-hazardous material, ADR/RID: non-hazardous material. **INLAND NAVIGATION:** AND/ADNR: non-hazardous material. **TRANSPORT BY SEA:** IMDG/UN: non-hazardous material. **AIR TRANSPORT:** ICAO-TI/IATA-DGR: non-hazardous material, air mail transport: permitted. **DISPATCH BY POST:** permitted.

**LABELLING IN ACCORDANCE WITH GEFSTOFFV/EC:** Hazard warning labeling not compulsory. **NATIONAL REGULATIONS:** TA-Luft (Ger.) Class 1. **WATER HAZARD CLASS (WHC):** 0. **OTHER REGULATIONS:** N/A

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